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EWING'S SEEDS



1869

ESTABLISHED 50 YEARS

1919

EWING'S RELIABLE SEEDS

JANUARY 1919

This is the Fiftieth Issue of our *Illustrated Seed Catalogue* and in presenting it take the opportunity of returning our sincere thanks for the yearly increasing trade with which we have been favoured by the leading farmers and gardeners of Canada. We solicit a continued and extended patronage, and respectfully ask our customers to recommend us to any of their friends whom they think may require anything in our line of business.

How to Order—When ordering be careful to write your name and address legibly, and say how you want seeds forwarded, whether by POST, EXPRESS, RAIL, FREIGHT or BOAT, and besides your post-office address, give the name of the station or wharf to which the goods are to be sent.

Regarding Postage Rates—When seeds are to be sent by mail, add postage for $\frac{1}{2}$ lb. 6 cents; 1 lb. 10 cents, and for each added lb. 8 cents per lb. When Cash accompanies order we pay postage on pkts., ozs., and $\frac{1}{4}$ lbs. only, except where otherwise noted.

Flag Stations—Customers having their goods sent by freight to a Flag Station must allow for Prepay Freight, otherwise goods will be sent to nearest station.

AS TO GUARANTEE: CONDITIONS OF SALE

The Wm. Ewing Co., Limited, give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds they send out, and will not in any way be responsible for the crop. If goods are not accepted on these terms they are at once to be returned.

Payments—Remittances must be sent by Post Office Money Order, Postal Notes, Bank Draft, Express Money Order or by registered letter. In case of cheques, exchange must be added or made payable at par Montreal.

Dissatisfaction—We must be informed at once should any cause for complaint with the execution of an order occur.

No Guarantee of Safe Arrival by Mail—Prompt attention will be given to find the cause for delay and to trace the missing parcel when promptly advised of non-arrival by the customer, and sending a copy of the order stating when and how the order and remittance were sent.

New Customers—Cash should always accompany orders from unknown correspondents, or satisfactory references.

Change of Address—Customers are earnestly requested to notify us of any change in their address. Catalogues are mailed to all customers, and should the address prove wrong the Catalogue is lost.

Seeds Not Priced—We shall be pleased to quote prices on any such Seeds when desired, such quotations being always for immediate acceptance. Clover, Timothy, etc., are subject to market changes in prices.

Order Sheets and addressed Envelopes are enclosed in every catalogue, and customers are respectfully requested to make use of them when sending their orders. A supply of Order Sheets and Envelopes can be had on application.

Market Gardeners using large quantities of Seed will please send for our SPECIAL MARKET GARDENERS' PRICE LIST.

Head Gardeners and Farm Overseers—We keep a list of practical Gardeners and Farmers whom we will be pleased to recommend to customers in want of such help.

Seed Cleaning—We are the only Seedsmen in the Province of Quebec who have made a specialty of this very important matter, and possess one of the most modern seed-cleaning Plants, and can turn out first-class samples of TIMOTHY, CLOVER and SEED GRAIN at moderate prices. We trust our numerous farming friends will appreciate our efforts in this respect, by giving us their patronage.

In Grasses and Clover—we offer all the kinds that are of practical utility in Canadian Agriculture. **Ewing's Recleaned Lower Canada Timothy** and choice samples of Clover are known and wanted all over the Dominion. We shall be pleased to send samples and prices on application. Remember that 50c. difference per bushel in price of Timothy only means $12\frac{1}{4}$ c. per acre. We also offer choice qualities of the different kinds of Clover—all carefully recleaned and unexcelled in purity and germination. The samples will speak for themselves and be more conclusive than anything we can say.

THE WILLIAM EWING CO., LIMITED

MONTREAL

Wholesale and Retail Departments and Offices at

142-146 McGill Street

WAREHOUSE

Cor. St. Maurice and St. Henry Streets

Retail and Office Phone Main 184

Wholesale and Manager Phone Main 6778

P. O. Box, 786

EWING'S Famous Mixtures of LAWN SEEDS

For Lawns, Athletic Fields, Shaded Lawns, Golf Courses, Recreation Grounds, Bowling Greens, Tennis Courts, Polo Grounds, Putting Greens, Croquet Lawns, Race Courses, etc.



EWING'S "MOUNT ROYAL" STANDARD LAWN GRASS

In making a new lawn it is of the utmost importance that the ground should be free from weeds, and to attain this end a thorough summer fallowing is the best method. Before sowing, the ground should be carefully raked and then sown evenly, and lightly raked in, after which it should be well rolled or "tamped" down with the back of a spade. New manure should never be used on account of the numerous weeds which it is sure to produce.

EWING'S "MOUNT ROYAL" STANDARD LAWN MIXTURE

Is a mixture of the finest Canadian and European grasses adapted to lawn-making. The formula for this mixture is the result of life-time practical experience in making and maintaining lawns. It is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Neither pains nor expense are spared in obtaining grasses of high vitality and purity. It is our constant aim to make Ewing's Lawn Grass the best, purest and most permanent Lawn Grass sold. (About 80 to 100 lbs. are required to sow an acre.) **Lb. 45c. (in 10 lb. lots at 40c. per lb.)**

EWING'S "SPECIAL" LAWN MIXTURE

This special mixture produces beautiful and permanent lawns. It is made from our own formula and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use seed that has been thoroughly re-cleaned. **Lb. 40c. (in 10 lb. lots 35c. per lb.)**

EWING'S "SHADY NOOK" LAWN MIXTURE

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture.

A combination of fine dwarf-growing ever-green varieties, which in their natural state grow in the woods or other sheltered spots, and which will quickly produce an even and abundant growth of beautiful green grass under trees and in shady places. **Lb. 50c. (in 10 lb. lots at 45c. per lb.)**

EWING'S "GOLF PUTTING GREEN" MIXTURE

The hardiest and finest low-growing grasses are contained in this mixture. It produces a beautiful and lasting green turf calculated to withstand hard wear and tear. We also recommend it for terraces, embankments and steep slopes. **Lb. 45c.**

EWING'S "TOUGH TURF" MIXTURE

For Bowling Greens, Tennis Courts, Croquet Grounds and Athletic Fields. Grows quickly and forms a smooth, firm, elastic turf which stands admirably the wear and tear of Outdoor Games. **Lb. 40c. (in 10 lb. lots at 35c. lb.)**

When Seeds are to be sent by mail, add postage for $\frac{1}{2}$ lb. 6 cents; 1 lb. 10 cents and for each added lb. 8 cents per lb.

EWING'S RELIABLE VEGETABLE SEEDS

SEEDS PREPAID BY MAIL

Please note that prices in the following list are exclusive of postage except where otherwise noted. When it is desired that seeds be sent by mail, add postage for $\frac{1}{2}$ lb. 6 cents; 1 lb. 10 cents; for each added lb. 8 cents per lb.

When cash accompanies order we pay carriage charge on $\frac{1}{4}$ lbs.; oza., and packets, except when otherwise noted.



ARTICHOKE

Fr. ARTICHAUT 1 oz. for 300 plants.

CULTURE—Sow in gentle heat in March, pot off and gradually harden for planting out beginning of June in rich, well-drained soil, in groups of 3 or 4 plants, each group being 3 or 4 feet apart. After-propagation is best accomplished by taking suckers from the best plants.

The Globe Artichoke is cultivated for its flower heads, which are cooked like Asparagus. The plants, if covered slightly during winter, will remain in bearing several years.

GREEN GLOBE—Oz. \$1.20; pkt. 10c.

EARLY PURPLE GLOBE—Oz. \$1.20; pkt. 10c.

JERUSALEM ARTICHOKE—Distinct from the globe, and propagated by and for its tubers. Used for the table and for stock feeding. One of the best foods for hogs. Culture the same as for potatoes. Cut tuber to single eye and plant 3 to 4 feet apart each way. Enormously productive. They are perfectly hardy. Lb. 20c. (post paid); 3 lbs. 50c. (post paid).

BORECOLE OR KALE

—Fr. CHOUX VERTS

One ounce of seed will produce about 3,500 plants.

CULTURE—The Kales are more hardy than Cabbage, make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter. Some of the varieties are so hardy that the green leaves may be dug out from under the snow in winter and used for greens.

VICTORIA—This is a most excellent variety. It grows about 24 inches high, and produces medium-sized compact heads of leaves that are exquisitely crisped and curled, and have a comparatively small mid-rib. The leaves are so densely crisped and curled that there is the smallest amount of waste. Pkt. 15c.

Tall Green Curled Scotch—Finely curled; very hardy; one of the best. $\frac{1}{4}$ lb. \$1.50; oz. 50c.; pkt. 10c.

DWARF GREEN CURLED SCOTCH—Dwarf, beautifully curled, and bright green; hardy, and may be cut from the ground all the early part of winter. $\frac{1}{4}$ lb. \$1.50; oz. 50c.; pkt. 10c.

ASPARAGUS

Fr. ASPERGE

(For Plants, See Page 74)

One ounce will produce about 250 plants.

CULTURE—Asparagus can only be expected to succeed well in rich, well-drained land. Where it is intended to plant, trench the ground in autumn to the depth of 2 feet, at the same time working in a lot of manure, with a good sprinkling of salt and soot. April and May are the best months for planting, and the roots should be put in rows 2 feet apart—12 inches from plant to plant, and 4 inches under the surface. Seed may be sown in May and the roots transplanted a year after, but they should not be cut from until the third year from seed. Asparagus beds when once made will continue in good bearing for 12 to 15 years. The beds should be manured and slightly dug every fall.

PALMETTO—Grows to an immense size. The heads are green without any purple tinge, are of excellent flavor and tender. Grown extensively for the New York and Philadelphia markets. $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 10c.

GIANT PURPLE ARGENTEUIL—A remarkably healthy variety, extensively grown in France. Stalks grow to a mammoth size, and quality is excellent. $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 10c.

COLUMBIAN MAMMOTH WHITE—A very popular variety, producing white stalks above ground, of large size and finest quality and flavor. $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 10c.

CONOVER'S COLOSSAL—The old standard variety; of large size, rapid growth and best quality. $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 10c.

BEANS

YELLOW OR WAX-POD BUSH VARIETIES

2 lbs. will plant 150 feet of row.

To secure a succession of Dwarf Beans, make successive sowings from May till middle of July, in rows $1\frac{1}{2}$ to 2 feet apart, covering the Beans 3 inches. Thin out to from 4 to 6 inches, and slightly earth up. Commence picking when pods are young, and the plants will thus continue producing for quite a time. Make sowings of Pole Beans about same time as dwarf varieties, in rows 6 to 9 feet apart, leaving 6 to 9 inches between plants. Stake when plants are well above ground. In "hills" drive in poles 4 feet apart, planting 4 or 5 beans round each, tying to poles as beans grow. (By mail, add 5c. on $\frac{1}{4}$ lb.).

EWING'S MONTREAL WAX

THE EARLIEST WAX PODDED VARIETY GROWN

The plant is strong, dwarf, not too strongly branching. It bears an enormous crop of pods of a most beautiful semi-transparent pale yellow color. The handsome fleshy pods are entirely stringless and of the finest quality. Lb. 60c. (post paid, lb. 70c.); $\frac{1}{4}$ lb. 20c.; pkt. 10c.

WARDWELL'S KIDNEY WAX

A popular variety of Wax Bean, bearing long, flat pods, of a delicate waxy-yellow, stringless and brittle, producing a heavy crop. The pods mature later than Golden Wax, but are produced in great abundance. They are quite broad and very attractive. This variety has been a favorite for many years, and in some sections is largely grown by market-gardeners exclusive of all other sorts. Lb. 60c. (post paid, lb. 70c.); $\frac{1}{4}$ lb. 20c.; pkt. 10c.

PENCIL POD BLACK WAX

Plants of true bush growth, fifteen inches high, extremely productive; magnificent straight pods six to seven inches long, light golden yellow in color, beautifully rounded, meaty, and deeply saddle-backed; flesh brittle, solid, and entirely stringless, of a fine mild flavor. Lb. 60c. (post paid, lb. 70c.); $\frac{1}{4}$ lb. 20c.; pkt. 10c.

IMPROVED GOLDEN WAX

Among the Yellow Wax-podded or "Butter" Beans, the Golden Wax has long been in popular favor, but this Improved variety by far surpasses the old favorite in several desirable points. The plants are of vigorous, bushy growth, not susceptible to rust, moderately early, and very prolific. The pods are exceedingly handsome, long, thick, fleshy, tender and brittle, without string or coarse fibre at all stages until maturity, while the color is of a rich golden-yellow. Although not the earliest Dwarf Wax Bean, its reliability in producing a heavy crop, whether planted in spring, summer or early fall, renders it highly valuable for both home and market planting. Lb. 55c. (post paid, lb. 65c.); $\frac{1}{4}$ lb. 15c.; pkt. 10c.

NEW HODSON WAX "Long Pod"

This Bean is quite distinct from any other. None equals it in size of plant, vigor of growth or productiveness. When picked young, it is extremely tender, and of fine quality. Bushes of strong, vigorous growth, producing a large crop of long, handsome, thick, flat, yellow pods which are late in maturing and are free from blight or rust. Lb. 60c. (post paid, lb. 70c.); $\frac{1}{4}$ lb. 20c.; pkt. 10c.

DAVIS WHITE WAX—The most hardy and productive Wax Bean. The pods are long, white, straight, crisp and tender. The vine is rustless and very vigorous, bearing the pods in clusters. Seed kidney-shaped and white. For canning this is unexcelled on account of the purity of the pod and Bean. Lb. 60c.; $\frac{1}{4}$ lb. 20c.; pkt. 10c.; (post paid, lb. 70c.)

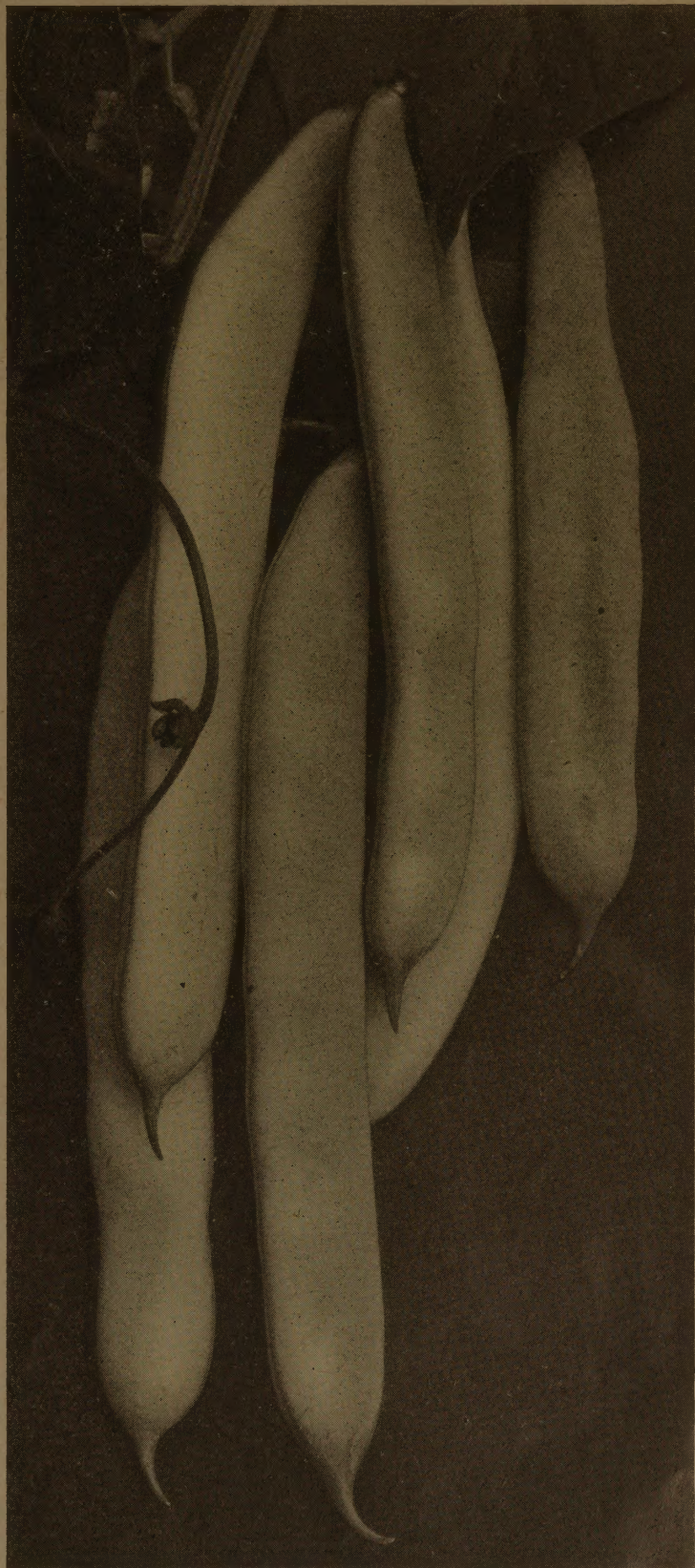
REFUGEE WAX—One of the very best of the wax-pod sorts. The plants produce an abundance of long, round wax-like pods, perfectly stringless, tender and of the finest quality. In color, the pods are a rich, creamy white. This variety is classed among the early sorts, coming into bearing about 40 days after planting, and continuing in bearing for several weeks. It is certainly one of the best Beans for either the home garden or market. Lb. 55c.; $\frac{1}{4}$ lb. 15c.; pkt. 10c., (post paid lb. 65c.)

FLAGEOLET or SCARLET WAX—Long, broad, flat, yellow pods of excellent quality and stringless. Lb. 55c. (post paid, lb. 65c.) $\frac{1}{4}$ lb. 15c.; pkt. 10c.

DETROIT WAX—Lb. 55c. (post paid, lb. 65c.) $\frac{1}{4}$ lb. 15c.; pkt., 10c.

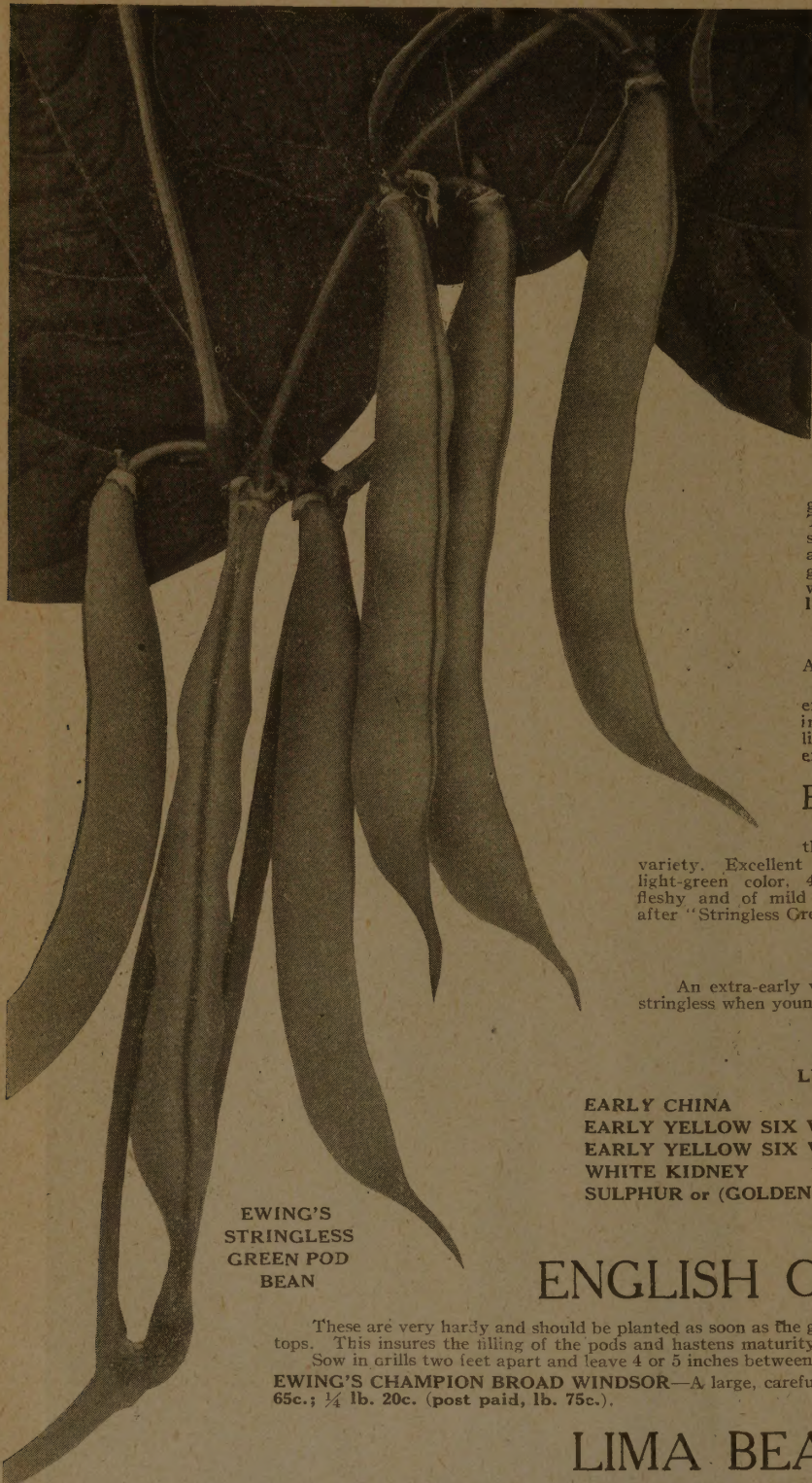
PROLIFIC BLACK WAX—Lb. 55c. (post paid, lb. 65c.) $\frac{1}{4}$ lb. 15c.; pkt. 10c.

CURRIE'S RUST PROOF BLACK WAX—Upright and robust habit. Pods are long, flat, and hang well off the ground. Beautiful golden color. Lb. 55c. (post paid, lb. 65c.) $\frac{1}{4}$ lb. 15c.; pkt. 10c.



WARDWELL'S KIDNEY WAX BEAN

THE WILLIAM EWING CO., LIMITED



EWING'S
STRINGLESS
GREEN POD
BEAN

GREEN POD BUSH BEANS

All Varieties per
packet 10c. By
mail, add 5c. to
¼ lb. prices.

EWING'S STRINGLESS GREEN POD This grand Bean is still unrivalled as a first early.

It combines unusual hardiness, extreme earliness, and wonderful productiveness with handsome appearance, and finest quality of pods. By repeated plantings pods may be had in constant succession from spring until cut off by heavy frosts in the fall. Combined with the extra hardiness and early maturity, the pods are the finest in quality, of a rich green, very round and straight, six inches long, solidly meaty and broad—deeply saddle-backed caused by the rounded swell of the fleshy sides. The pods are tender, brittle, and of finest flavor, always entirely stringless even when fully matured. Lb. 55c.; ¼ lb. 15c.; (post paid, lb. 65c.)

EXTRA EARLY RED VALENTINE (ROUND POD)

Until the introduction of "Stringless Green-Pod," this was the finest green-podded sort, and is now surpassed in quality only by that variety. The healthy, vigorous plants are unusually hardy, successfully withstanding early frosts; it may, therefore, be planted very early. It will always yield a large crop of handsome, long, round, fleshy pods, rich green in color and of unsurpassed tenderness when gathered young, when it is practically stringless. Lb. 45c.; ¼ lb. 13c. (post paid, lb. 55c.)

BOUNTIFUL STRINGLESS

A Prolific and Continuous Bearer. Absolutely Stringless. Very Tender.

Extra early, rich green pods, which are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty and of high quality meltingly tender and having a delicious flavor exclusively their own. A prolific and continuous bearer. Its long pods are very showy and good for exhibition purposes. Lb. 55c.; ¼ lb. 15c.; (post paid, lb. 65c.)

EXTRA EARLY REFUGEE (or 1,000 to 1)

One of the earliest of the green-podded sorts, about two weeks earlier than the ordinary Refugee, while retaining all the superior qualities of that variety. Excellent for pickles. It is an enormous yielder. Pods are smooth and of light-green color. 4 to 4½ inches long, round and slightly pointed at the ends; solidly fleshy and of mild flavor. Of handsome appearance, it makes an excellent sort to come in after "Stringless Green-Pod." Lb. 45c.; ¼ lb. 13c. (post paid, 55c. lb.)

LONGFELLOW

An extra-early variety, producing long, round, green pods which are tender, brittle and stringless when young. Lb. 45c.; ¼ lb. 13c. (post paid, lb. 55c.)

SHELL BEANS

Lb. 45c.; ¼ lb. 13c.; (post paid lb. 55c.)

EARLY CHINA

EARLY YELLOW SIX WEEKS (Round)

EARLY YELLOW SIX WEEKS (Long)

WHITE KIDNEY

SULPHUR or (GOLDEN DROP)

EARLY MARROWFAT

DWARF HORTICULTURAL

IMPROVED YELLOW EYE or BOSTON

FAVORITE

RED KIDNEY

WHITE PEA.

ENGLISH OR BROAD BEANS

These are very hardy and should be planted as soon as the ground is open; when in full bloom and the flower pod set, pinch off the tops. This insures the filling of the pods and hastens maturity. A strong, heavy soil suits them best.

Sow in drills two feet apart and leave 4 or 5 inches between plants. Height, 4 feet. 1 lb. of seed will sow about 75 feet of row.

EWING'S CHAMPION BROAD WINDSOR—A large, carefully-selected type of Windsor Bean, which crops very abundantly. Lb. 65c.; ¼ lb. 20c. (post paid, lb. 75c.)

LIMA BEANS

POLE OR RUNNING AND DWARF BUSH VARIETIES

Beans are as large as the Pole Lima and two weeks earlier. ¼ lb. 20c.; lb. 60c. (post paid, lb. 70c.)

DREER'S IMPROVED POLE LIMA—An early variety of excellent quality and great productiveness. The quality is exceedingly fine, the Beans cooking rich and meaty. In some sections, this variety is called Challenger, or Potato Lima. Lb. 65c.; ¼ lb. 20c. (post paid, lb. 75c.)

EARLY LEVIATHAN POLE LIMA—This is the very earliest. It will not only give large Lima Beans earlier than any other strain, but is also extremely productive, both early and throughout the season. It is a strong grower, clinging well to the poles, and is a sure cropper. Lb. 65c.; ¼ lb. 20c. (post paid, lb. 75c.)

Lima beans are delicious when used green shelled, and can be grown for this purpose in any climate. The dry ripened bean is also a staple article of food for winter use. Sow bush sorts in 24-inch rows and pole varieties in hills 4 feet each way. Sow after ground is well warmed in spring.

FORDHOOK BUSH LIMA—Without doubt the best Dwarf Bush Lima. Earlier than the Pole Lima by ten days. Pods measuring from four to five inches in length, containing four to five large beans of excellent quality. The plants grow to a height of 20 to 30 inches; are strong and bushy, and a rich dark green in color. Lb. 60c.; ¼ lb. 20c. (post paid, lb. 70c.)

BURPEE'S IMPROVED BUSH LIMA—Of erect growth, about 20 inches high. An immense yielder, and the pods are filled with large beans of luscious flavor.

BEANS—POLE OR RUNNING

By mail, add 5c. to $\frac{1}{4}$ lb. prices.

These are of strong running growth, and need stout poles on which to climb. They require a longer season in which to mature than do the bush varieties, but by reason of their stronger growth are more productive and, growing on poles, are more easily gathered. Several varieties are desirable as shell-beans.

GOLDEN CLUSTER WAX

Extra strong in growth and very productive. The pods are of large size, seven to eight inches long by three-quarters of an inch wide. Although flat, the pods, of a rich golden yellow, are stringless and of excellent flavor. The dry seeds are thick and pure white. Lb. 65c.; $\frac{1}{4}$ lb. 20c.; pkt. 10c. (post paid, lb. 75c.).

KENTUCKY WONDER WAX

An excellent variety and one of the very best pole beans. The pods are long, very thick, meaty, deeply saddle-backed, entirely stringless and bright yellow in color. The vine is thrifty and very prolific. Seed deep brown. Lb. 65c.; $\frac{1}{4}$ lb. 20c.; pkt. 10c. (post paid, lb. 75c.).

KENTUCKY WONDER, OR "OLD HOMESTEAD"

This best and most popular green-podded Pole Bean is a marvel of continued productiveness and is ten days earlier than any other green-podded Pole Bean. If pods are gathered as they become ready, the vine will continue to produce in abundance until frost.

The pods hang in great clusters from the top to the bottom of the vine and can be gathered by the handful; they are very large, 6 to 8 inches in length, entirely stringless, plump, round and almost solid meat, cooking meltingly tender and of superb flavor. It is also used as a Shelled Bean, excellent in that form. Lb. 65c.; $\frac{1}{4}$ lb. 20c.; pkt. 10c. (post paid, lb. 75c.).

EWING S GIANT ASPARAGUS OR "YARD LONG"

(Green Pod). This is an interesting curiosity. In ordinary seasons, produces late in the summer great clusters of long, slender, round pods which are of excellent quality. The pods average 12 to 18 inches in length, having the thickness of a lead-pencil. Lb. 90c.; $\frac{1}{4}$ lb. 25c.; pkt. 10c. (post paid, lb. \$1.00).

SCARLET RUNNER

The well-known and old-fashioned climber, having bright scarlet, pea-like flowers. It not only holds its place as a flower, but the pods when young are of fine quality for cooking. Seed large bright scarlet, heavily blotched with purple. Pkt. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 80c. (post paid lb. 90c.).

LAZY WIFE'S—The pods, of medium dark-green color, measure from four and a half to six inches in length. They are broad and retain their rich, tender, and

stringless qualities until nearly ripe. Each pod contains from six to eight round white beans, which make excellent winter shell-beans. Lb. 65c.; $\frac{1}{4}$ lb. 20c.; pkt. 10c. (post paid, lb. 75c.).

WHITE DUTCH CASE KNIFE—Bears large, green, flat pods early in the season. Being white-seeded, it is excellent to grow dry shell-beans for winter. Lb. 65c.; $\frac{1}{4}$ lb. 20c.; pkt. 10c. (post paid, lb. 75c.).

HORTICULTURAL (CRANBERRY or WREN'S EGG)—A popular old variety for either snap-shorts or dry shell-beans, especially adapted for short seasons and cool locations (green pod). Lb. 65c.; $\frac{1}{4}$ lb. 20c.; pkt. 10c. (post paid, lb. 75c.).

WHITE RUNNERS—Lb. 80c. (post paid, lb. 90c.); pkt. 10c.; $\frac{1}{4}$ lb. 25c.

PAINTED LADY RUNNERS—Lb. 80c. (post paid, lb. 90c.); pkt. 10c.; $\frac{1}{4}$ lb. 25c.

BRUSSELS SPROUTS

—Fr. CHOU A JET DE BRUXELLES

Brussels Sprouts are harder than cabbages, and the "sprouts" or little heads, growing along the stem are considered the most delicately flavored vegetables of the entire cabbage family. Grown in the same manner as winter Cabbage. The late crop is usually the most satisfactory. One ounce seed produces about 1,500 plants. To preserve through winter, store in a cool cellar with roots in earth.

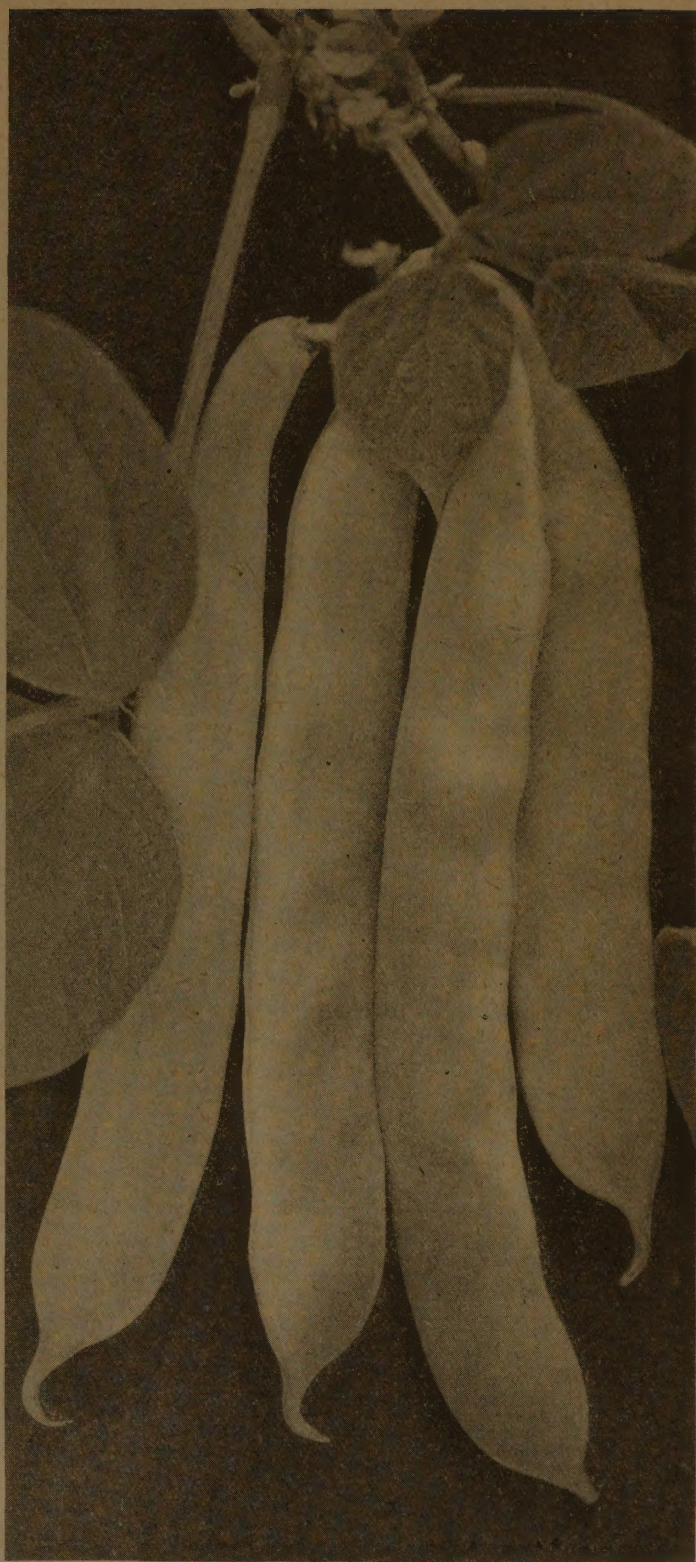
EDINBURGH PRIZE—A splendid strain that has been carefully grown and selected for a number of years. The stem is completely studded with sprouts of excellent quality. We strongly recommend it to all who are desirous of having a hardy, productive, and finely flavored sprout. It will be found very valuable as an Exhibition variety. Oz. 75c.; pkt. 10c.

AMAGER MARKET—A very fine Danish strain. The plants are of strong robust growth. The stalks are large, thick and close-jointed, so that the sprouts set thickly on the stalk. The sprouts develop for nearly the entire height of the stalk at about the same time, consequently a very large crop can be gathered. Oz. 90c.; pkt. 10c.

PARIS MARKET—This is a half-dwarf strain, not so tall as the preceding, but bearing a large crop of handsome, hard sprouts. Oz. 75c.; pkt. 10c.



EDINBURGH PRIZE
BRUSSELS SPROUTS



POLE BEAN "GOLDEN CLUSTER WAX"

BROCCOLI

Should be treated the same as cauliflower, which it resembles. In fact, it is practically a summer cauliflower more divided, in the head, grows larger and taller and is hardier and easier to grow. Cultivate the same as cabbage or kale and give plenty of water. Sow end of April in the open ground, then transplant about 2 feet apart in deep, rich ground. When they flower, break the large leaves over the heads to protect them from the sun.

EARLY SNOW WHITE—Heads medium size, close and compact. One of the most certain to head. Oz. \$2.00; pkt. 10c.

ST. VALENTINE—A clear, white head surrounded by heavy leaves which may be tied to further blanch the heads. It stands cold and wet well, and heat better than any cauliflower. Be sure that the plants have plenty water. Oz. \$2.50; pkt. 15c.

THE WILLIAM EWING CO., LIMITED

CULTURE—The soil should be rich, mellow and deep, manure having been applied the previous year. Never use manure in spring. Sow as early as the ground can be worked, in drills about one inch deep and in rows about sixteen to eighteen inches apart, pressing the soil firmly over the seed. When the young plants are two to three inches high thin out to from 4 to 6 inches, according to size of variety, keeping in mind that medium-sized, good-colored roots are best. The thinnings make the best of Spinach. For winter use, the Turnip varieties may be sown the first week in June, and in October the roots can be stored in a cellar, and covered with sand to prevent shrivelling.

One ounce will sow about 75 feet of drill; five pounds to an acre.

BEET

Fr. BETTERAVE A TABLE

We cannot too strongly emphasize the importance of using our select improved strains which will produce the finest and smoothest roots with a minimum amount of foliage.



EWING'S
DETROIT DARK
RED TURNIP
BEET.

DETROIT DARK RED

Our strain will please the most critical. In color and shape it is unsurpassed. Roots medium in size, globular, and very smooth; skin a dark blood-red; flesh deep, bright red, fine-grained, tender and sweet, remaining so long after other varieties become woody. Tops small, admitting of close planting. On account of its fine appearance, it has been said to be particularly a market gardener's variety, but Detroit Dark Red is also in every way a desirable Beet for Home Gardening. Lb. \$2.50; ¼ lb. 85c.; oz. 25c.; pkt. 10c.

SELECT CRIMSON GLOBE

Unsurpassed for main crop use. A handsome early or main-crop variety, of medium size, almost globe-shaped, and entirely free from rootlets, leaving the skin entirely smooth. The roots average 10 inches in circumference, the foliage is small and of a rich bronze purple. The flesh is a rich blood red, slightly zoned and of the finest quality, always sweet and tender, never stringy. Lb. \$2.50; ¼ lb. 85c.; oz. 25c.; pkt. 10c.

CROSBY'S EGYPTIAN

A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. Flesh deep, blood-red. It is a rapid grower, attaining a usable size quicker than almost any other variety, and does not become woody with age. Profitable in almost any soil and extremely satisfactory for the small gardener as well as for the market. Lb. \$2.50; ¼ lb. 85c.; oz. 25c.; pkt. 10c.

EXTRA EARLY EGYPTIAN—Grows extra quickly, producing flat, smooth, turnip-shaped roots two inches in diameter. Lb. \$2.50; ¼ lb. 85c.; oz. 25c.; pkt. 10c.

EARLY ECLIPSE—This variety is exceedingly popular, and is one of the best early sorts. The tops are small, admitting of close planting, and the roots are globular in shape. Flesh fine-grained, very sweet, crisp and tender; dark red, zoned with a lighter shade. Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

EDMAND'S—A handsome, uniform, round, Turnip-shaped Beet, very smooth and of good size; tops small, flesh red and of excellent quality; fine for late planting. Lb. \$2.25; ¼ lb. 75c.; pkt. 10c.

EARLY WONDER

The Ideal "Extreme Early" Table Beet.

The best extra early variety grown; perfect in form and of medium size. The quality is excellent, tender, sweet and free from all tough fibre. Though the roots are comparatively small, they are wonderfully even in shape and most attractively colored. Its rapid growing habit makes it particularly valuable for the private garden. The leaves are small and grow compactly. Lb. \$2.50; ¼ lb. 85c.; oz. 25c.; pkt. 10c.

"THE EARLY MODEL"

Probably the finest of all the early globe-shaped Beets. Of English origin and unsurpassed for table use. Medium-early, the roots are of good size, slightly oval, with small, dark crimson leaves. In quality and color there is nothing finer. Rich deep crimson flesh and skin; extremely smooth and free from all coarseness. Lb. \$2.50; ¼ lb. 85c.; oz. 25c.; pkt. 10c.

COLUMBIA—A superb early main-crop Beet. The smooth clean roots grow three to four inches in diameter. Flesh deep blood-red, tender, and of rich flavor. Lb. \$2.50; ¼ lb. 85c.; oz. 25c.; pkt. 10c.

EWING'S SELECT GARDENER'S FAVORITE

The leading half-long, dark-red Beet. For form, smoothness, color of the root, and quality, this strain is unequalled. A splendid Exhibition Beet. Lb. \$2.50; ¼ lb. 85c.; oz. 25c.; pkt. 10c.

DETROIT HALF LONG DARK BLOOD

A splendid, dark-red Beet of highest table quality. The roots are intermediate between the globe-shaped and the long Beets. Valuable for winter use. An enormous yielder. Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

EWING'S BONSECOURS MARKET

Half-long with heavy shoulder. Neat shape, uniformly smooth, bright red and excellent flavor. A heavy cropper. Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

IMPROVED LONG SMOOTH DARK BLOOD—A very desirable variety for light soils, where roots are easy to dig. Skin very dark brownish-red. Flesh deep blood-red. Lb. \$2.00; ¼ lb. 60c.; oz. 20c.; pkt. 10c.

EVERYTHING FOR FARM AND GARDEN

CARROT

Fr. CAROTTE

power. In sowing Carrot or other small seeds, especially during dry weather, pains should be taken to firm the soil well over the seed, either by means of the feet or with the roller of the garden drill. Use nothing but well-decayed manure, applied the previous autumn. For exhibition, by making holes a foot deep with a crow-bar or a piece of wood, pointed, and the holes filled up with a compost of rich earth and sand, and a few seeds sown on top.

One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre.

CULTURE—Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam, having been in clover and broken the year before. For the earliest crop sow seed of the early short-rooted sorts in April or May in drills a foot apart and thin to 2 inches. For main crop, sow in May or June, or for succession even in July, using the longer rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches. To raise Carrots for stock, the rows may be made wide enough apart, say 2 to 2½ feet, to allow of cultivation by horse-

When Seeds are to be sent by mail, add postage for ½ pound 6 cents; 1 pound 10 cents and for each added pound 8 cents per pound

CARROT—CHANTENAY

IMPROVED HALF LONG CHANTENAY

This splendid carrot belongs to the half-long "stump" or blunt-rooted type, but differs from all others of this class by its greater girth, bulk and consequent yield. It averages 6 to 7 inches in length, is broad at the neck, narrowing gradually to the round, blunt base, therefore is easily harvested. The flesh, entirely free from core, is of rich, orange-red and of the finest table quality, fine-grained, tender, juicy, and delicately flavored. **Lb. \$2.75; ¼ lb. 90c.; oz. 30c.; pkt. 10c.**

OXHEART or GUERANDE

An excellent sort for the private garden, being especially valuable for spring and early summer crop. Its short, stocky character gives it great value on shallow soils, where the larger varieties will not succeed, and the compact growing leaves allow close planting. The quality is excellent; it remains tender long after maturity, and may be used while very small for soups, etc.

It is excellent for growing in frames. **Lb. \$2.75; ¼ lb. 90c.; oz. 30c.; pkt. 10c.**

HALF LONG IMPROVED DANVERS

A handsome half-long, cylindrical, stump-rooted Carrot of good size and of a rich, dark orange color; it grows to a large size; is smooth, and the flesh very close in texture with very little core. It is a first-class Carrot for all soils and has yielded 25 to 30 tons per acre, with the smallest length of root of any now grown. It is more easily harvested than the longer types and is excellent to store for winter, for stock or table use. **Lb. \$2.75; ¼ lb. 90c.; oz. 30c.; pkt. 10c.**

EARLIEST SHORT HORN—(French Forcing).—One of the earliest varieties in cultivation and very desirable for forcing. Roots nearly round and of reddish orange color. When fully matured about two inches in diameter. **Lb. \$3.25; ¼ lb. \$1.00; oz. 35c.; pkt. 10c.**

EARLY SCARLET HORN—Excellent for early planting out of doors. Roots top shaped but tapering abruptly to a small tap; skin orange red. **Lb. \$2.75; ¼ lb. 90c.; oz. 30c.; pkt. 10c.**

HALF LONG NANTES or "CORELESS"

It is a half-long cylindrical Carrot, blunt-pointed, with a small tap-root and small top. They run very uniform in shape and size, 6 to 7 inches long, by 1 1-2 inches through; clean skinned, smooth, easily pulled and keep well. The flesh is of fine texture, entirely devoid of stringiness, or core. The color of the flesh is the rich red-orange so attractive when served. Excels all other half-long Carrots in earliness. **Lb. \$2.75; ¼ lb. 90c.; oz. 30c.; pkt. 10c.**

ST. VALERY "INTERMEDIATE"

A large, handsome, main crop variety, between half-long and long, with an enormous yielding capacity in deep soils. The root, 10 or 12 inches in length, is very broad at the neck, 2 to 3 inches through, and tapers evenly to the small tap-root. It grows smoothly and uniformly and has rich reddish-orange flesh, tender, sweet and entirely free from woody coarseness even at maturity. As a table carrot it is unsurpassed. **Lb. \$2.75; ¼ lb. \$90c; oz. 30c.; pkt. 10c.**

IMPROVED LONG ORANGE

This is a variety of the largest size. The roots are uniform in size and form, smooth, and free from small rootlets, penetrating the soil very deeply. Of gradually tapering shape, holding thickness well throughout the length; rich, deep orange coloring. It is a good keeper, of fine quality for winter use, and extensively grown for stock feeding. **1 lb. \$1.60; ½ lb. 85c.; ¼ lb. 50c.; oz. 20c.; pkt. 10c.**

JAMES' SCARLET INTERMEDIATE—Half-long, pointed. **Lb. \$1.60; ¼ lb. 50c.; oz. 20c.; pkt. 10c.**

CORN SALAD

LARGE-LEAVED, FETTICUS, or "LAMB'S LETTUCE"—Hardy little plants, grown for late fall, winter and spring use; they form rosettes of tender, edible leaves, which are used as a substitute for Lettuce. **Oz. 25c.; pkt. 10c.**

CABBAGE

Fr. CHOU

Sow one ounce for 2000 to 3000 plants, four ounces for one acre

CULTURE—For plants of the earliest sorts sow seed in January or February under glass, and prick out in flats or frames about 2 inches apart each way. Transplant to open ground as soon in spring as the land can be properly prepared. A rich, warm, fibrous loam is best. Have the plants in the rows 20 to 24 inches apart, and rows at least 2 feet apart. Give thorough cultivation, and irrigate in dry weather if practicable. Protect against the ravages of cutworm, maggot and green worm. A little nitrate of soda applied around the plant is of great benefit. Potash applications, such as wood ashes or muriate, may also do much good. For late Cabbage plants, sow seed in drills in open ground during April and May, and transplant in June, giving the plants more room than allowed for earliest Cabbages. Dusting with tobacco dust, insect powder, etc., or splashing with hot soapsuds, especially Whale Oil Soap solution, are good and safe remedies for some of the insect pests attacking plants of the Cabbage.



"COPENHAGEN MARKET" CABBAGE

FIRST EARLY VARIETIES COPENHAGEN MARKET

This new variety from Denmark will soon command the attention of those who grow for early market as well as the private growers who desire an extra early, roundheaded Cabbage which can be depended upon for making large solid heads at an early season. The heads are grown upon a remarkably short stem, are solid and large in size, weighing 10 to 12 pounds, light green leaves, and of excellent quality. It is the largest of the early round-headed varieties, and its habit of growth allows of its being planted close together in the field or garden, and it matures so uniformly that the entire crop is ready for cutting at one time. $\frac{1}{4}$ lb. \$4.50; oz. \$1.60; pkt. 15c.

SELECT EARLY JERSEY WAKEFIELD

The Best First-Early Pointed-Head Cabbage.

The heads are uniformly hard and solid. They are pyramidal in form, generally pointed at the end, with but few outside leaves. The outer leaves are unusually thick and heavy, and it is thereby enabled to stand much cold weather without injury. Quality is excellent. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

EARLY WINNINGSTADT

The heads are of the same size as the "Jersey Wakefield" but more sharply pointed in form and not so early. The leaves are rich dark green, slightly glossy, most tightly folded, the heads being the hardest of any early cabbage. By reason of its great solidity it is also a popular variety to plant in the summer for winter use. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

EXTRA EARLY EXPRESS

Produces hard oval heads of good size, with round thick leaves. Even earlier than Jersey Wakefield. Also sold under a number of other fancy names. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

EARLY PARIS MARKET or STANDARD—Of about the same earliness as Jersey Wakefield, but its head is not quite so high and is rounder and broader at the base. A most popular French market sort. This variety received Award of Merit R. H. S. (Oxheart Type). $\frac{1}{4}$ lb. \$4.00; oz. \$1.00; pkt. 10c.

EARLY SPRING

The only Extra-Early Round Flat-Headed Cabbage.

Heads are remarkably uniform, and very solid even when young. Particularly valuable on account of its being a first-early flat Cabbage; many people preferring this type to the pointed heads. No variety has a more solid head, and as the stem is short, almost the whole plant is edible. Fine texture and delicate flavor. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

SECOND EARLY VARIETIES ENKHUIZEN GLORY

A most valuable second-early Cabbage that is becoming immensely popular. It produces fine marketable heads, round or ball-like in form. The heads are very solid, with but few outer leaves—and of such compact growth as to permit quite close planting, thus increasing the yield of a given area. The heads are of medium size (weighing from six to eight pounds trimmed), tender and of fine flavor. They keep well when put away and consequently "Enkhuizen Glory" is valuable also for sowing later in the season for early winter use. Plants set out in mid-summer will produce fine heads before cold weather. $\frac{1}{4}$ lb. \$4.00; oz. \$1.40; pkt. 10c.

HENDERSON'S EARLY SUMMER

Matures about ten days after Jersey Wakefield, and makes a large, solid, flattish head, with short stem. Color of a bluish tinge and quality excellent. It is an excellent variety both for home use and market. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

BONSECOURS MARKET—Stem is short, head large, flat and very solid. Dark, bluish-green. $\frac{1}{4}$ lb. \$4.00; oz. \$1.40; pkt. 10c.

ALL-SEASONS

One of the earliest of the second early sorts. Head large, round, often nearly spherical but usually somewhat flattened; very solid and of the best quality, keeping as well as the winter sorts. Remarkable for its ability to stand the hot sun and dry weather. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

CABBAGE

—continued



SECOND EARLY VARIETIES—continued

CABBAGE—FOTTLER'S IMPROVED BRUNSWICK

ALL-HEAD EARLY—Deep, flat head. Very uniform in size and color. The earliest of all extra large Cabbages. The leaves are compact, thus admitting close planting. A good keeper, desirable for both early fall and winter. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

EWING'S SELECT DANISH "CANNON BALL"

This type of winter Cabbage has become very popular of late years on account of its unequalled keeping qualities as well as for the great solidity and weight of the heads; it is strong and vigorous in growth, and produces large, round, compact heads exceedingly hard and solid, weighing, when trimmed, fully one-fourth more than any other Cabbage of equal size; in consequence, it keeps in fine condition until spring. For boiling, slaw, sauerkraut, etc., it is unsurpassed, being crisp, tender and sweet. It seems to grow luxuriantly on all soils and under most conditions, withstanding hot, dry weather, and does not rot from the effects of wet seasons, nor do the heads burst. $\frac{1}{4}$ lb. \$4.00; oz. \$1.40; pkt. 10c.

CHARLESTON or LARGE WAKEFIELD—A strain of Wakefield in which the heads are much larger and not so pointed; matures about a week later. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

SUCCESSION—A good second early round-headed sort, similar to All-Seasons. It heads up very evenly, and comes in about ten days after Early Summer, and is largely grown on account of its good-keeping qualities. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

FOTTLER'S IMPROVED BRUNSWICK

The solid flat heads rest on the soil, while the few outer leaves grow closely about the heads. The foliage is a light bluish green. Good for both intermediate and winter use. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

LATE VARIETIES

EWING'S SELECTED LATE FLAT DUTCH

One of the largest and generally considered the best of the late market sorts. The plant is very vigorous and hardy. The leaves are very large and broad; the stem of moderate height; the head very large and solid and keeps better than those of most kinds. $\frac{1}{4}$ lb. \$2.75; oz. 90c.; pkt. 10c.

MARBLEHEAD MAMMOTH DRUMHEAD

The largest cabbage known. Plant very large, late in maturing and the seed should be planted earlier than that of most sorts. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

AUTUMN-KING, OR WORLD-BEATER

The plant is of extra strong growth, with dark bluish-green leaves growing closely about the large flattened heads. In good soil it will produce heads of enormous size, but, of course, requires a longer season for growth than do the smaller varieties. Seed sown the first of June will produce fine heads in time to put away for the winter. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

SUREHEAD

Remarkable for its certainty to head; produces large, solid flattened heads of Flat Dutch type. The heads are uniform, hard and fine in texture. Of excellent quality, and a popular sort with all lovers of good Cabbage. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

RED VARIETIES

This class is esteemed for pickling, making slaw, etc.

MAMMOTH RED DRUMHEAD—A large-growing, select strain, producing very solid heads weighing 10 to 12 lbs. each; color, intense dark red. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

RED DUTCH—A popular large-headed sort for pickling, etc. The best keeper; not extra large, but of excellent quality. $\frac{1}{4}$ lb. \$3.00; oz. \$1.00; pkt. 10c.

DELICATESSE—A grand, early, hard heading, black Red Cabbage. The heads are medium in size, have only a few outer leaves, and are of black-red color to the centre. It is an imported variety. Very sure heading. Its few outer leaves permit close planting. $\frac{1}{4}$ lb. \$1.00; oz. \$1.40; pkt. 15c.

DANISH RED STONEHEAD—An early, short-stemmed variety, with large round and extraordinarily firm red heads. Oz. \$1.40; pkt. 15c.

SAVOY VARIETIES

The quality and flavor of this "Crumpled-Leaf" Cabbage is very superior; grown in fall and allowed to be touched by frost, it is sweet, delicate and most delicious.

MAMMOTH AUBERVILLIERS—A superior Savoy of the Drumhead type maturing earlier than many other sorts. Heads solid and well-formed. In table quality it resembles the better garden Cabbages. $\frac{1}{4}$ lb. \$2.75; oz. 90c.; pkt. 10c.

PERFECTION DRUMHEAD—A variety that is much prized in Europe and also by those who are familiar with it in this country. It is very sweet and crisp, and always tender. Heads medium sized and fairly compact. $\frac{1}{4}$ lb. \$2.75; oz. 90c.; pkt. 10c.

PE-TSAI, CHINESE OR CELERY CABBAGE

This is often called Celery Cabbage on the market, and when well grown resembles Cos Lettuce. It grows rapidly and matures heads in less time than other varieties. It can be sown much later than other varieties, and requires no transplanting.

The leaves, when young, are crimped and of a light green color. The plant, as it becomes older, grows more upright and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It has a distinctive flavor, very mild and pleasant. It can be served as a salad like Lettuce or cooked like other Cabbages.

Chinese Cabbage should be sown at the same time as Turnips. Early plantings run quickly to seed in hot weather. Sow in drills 14 to 20 inches apart, and thin the seedlings 2 or 3 times, or, if sown for the market, start in boxes and transplant like late Cabbage. $\frac{1}{4}$ lb. \$1.75; oz. 60c.; pkt. 10c.

CAULIFLOWER

FR. CHOU-FLEUR.

CULTURE—Cauliflower demands a rich loamy soil and an abundance of water. Sow seed for an early summer crop in February or March, in a hotbed, and when plants are three or four inches high transplant four inches apart in boxes or frames. In the middle of spring, or as soon as the gardener deems it prudent, the plants can be removed to the open ground. Set plants from two to two and a half feet apart each way. For late Cauliflower sow seed in a cool moist place early in May. If properly hardened off, Cauliflower are seldom injured by being planted out too early. When heading, tie the outside leaves loosely over the head to protect it from the sun.

One ounce will produce about 2,000 plants.

EWING'S SELECTED DWARF EARLY SNOWBALL

Very early, pure white, large flower. Forces well and is also the favorite for outdoor culture.

This strain is grown especially for us by the most reliable grower in Northern Europe, where the finest Cauliflower is produced; and we believe there is nothing finer offered. This strain is short-stemmed, small-leaved, with large, finely grained heads, and with reasonable care every plant should produce a fine head. Oz. \$8.00; $\frac{1}{4}$ oz. \$2.50; pkt. 25c.

EWING'S EXTRA EARLIEST QUEEN OF THE DANES SNOWBALL

This is the earliest of all Cauliflowers. Dwarf and very short-leaved, desirable for frames and in the open ground, where early market is sought. Heads pure white, large, solid, and of extra quality; a sure header. Oz. \$8.00; $\frac{1}{4}$ oz. \$2.50; pkt. 25c.

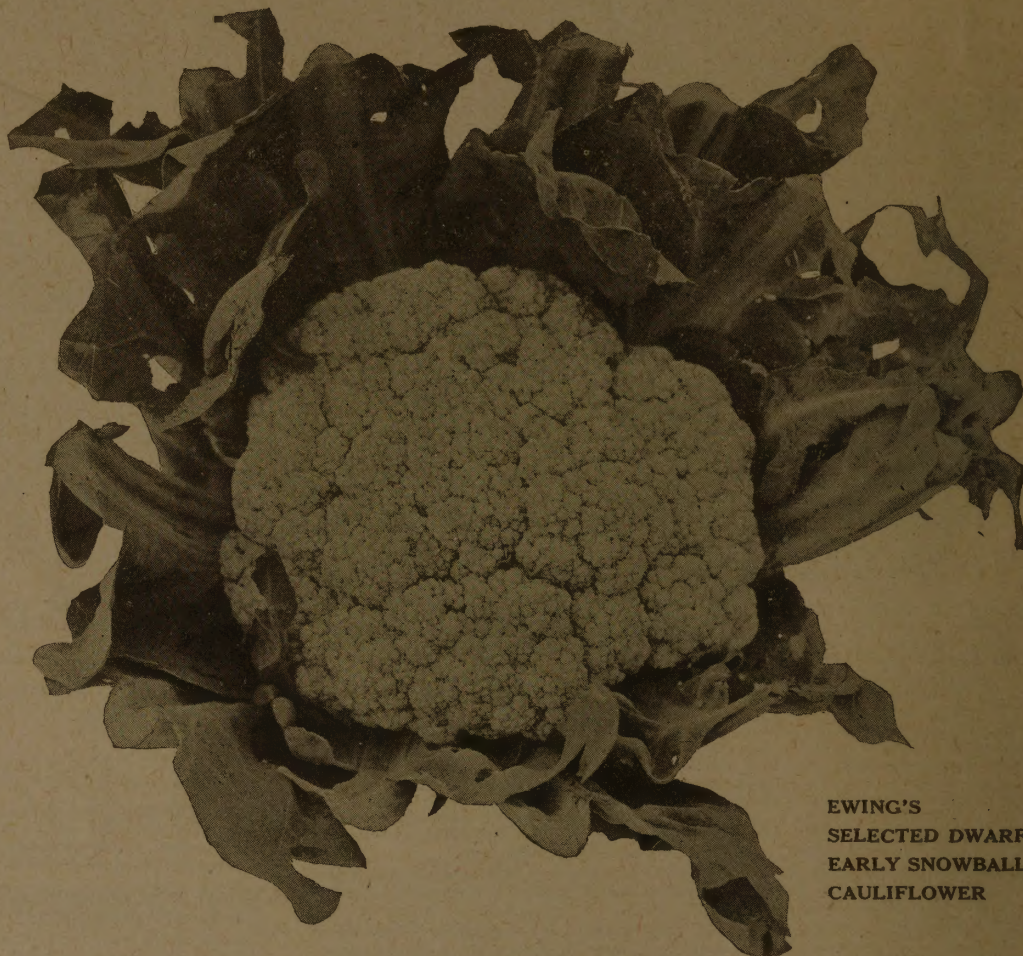
DANISH GIANT "DRY WEATHER"

Its main feature is the fact that it will stand an unusual amount of dry or warm weather and still produce perfect, large, solid heads. In districts where heretofore it has been impossible to grow Cauliflower, this fine variety has proven a success. It is ready for market or table about a week later than Early Snowball. Oz. \$8.00; $\frac{1}{4}$ oz. \$2.50; pkt. 25c.

VEITCH'S AUTUMN GIANT—Large, vigorous kind, with a rather long stem and large, dark green leaves. Head very large, firm, pure white and well protected. One of the finest late varieties. Oz. \$2.00; $\frac{1}{4}$ oz. 75c.; pkt. 10c.

LENORMAND—A splendid extra-large late variety with an extremely short, stout stem. Leaves are short, broad, stiff, of a deep green color. The pure white head is very large and solid and keeps exceedingly well. Hardy and productive. Oz. \$3.00; $\frac{1}{4}$ oz. 90c.; pkt. 10c.

ALGIERS—A very strong-growing late variety, with large leaves of a bluish tint. In cool locations and rich soil it produces very large, solid white heads late in the fall. Also sold as (Abyssinian). Oz. \$3.00; $\frac{1}{4}$ oz. 90c.; pkt. 10c.



EWING'S
SELECTED DWARF
EARLY SNOWBALL
CAULIFLOWER

EXTRA-EARLY PARIS—This is a fine variety, producing large, pure white solid heads. The stem is of medium height, leaves narrow and almost straight. A sure cropper and very popular in many sections. Oz. \$3.00; $\frac{1}{4}$ oz. 90c.; pkt. 10c.

HALF-EARLY PARIS or NONPAREIL—Stem rather short and stout, head large, very white, and keeps firm for a long time. The dark green leaves surround the head well. Good for early or late use. Oz. \$3.00; $\frac{1}{4}$ oz. 90c.; pkt. 10c.

CRESS—Fr. CRESSON

CULTURE—Easily grown during winter on the greenhouse bench, in frames, pots or boxes, and splendid for salad, garnishing, or as an addition to winter lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

EXTRA CURLED or PEPPERGRASS—Used for garnishing. Lb. \$1.75; $\frac{1}{4}$ lb. 60c.; oz. 20c.; pkt. 10c.

WATER CRESS—Seed may be started readily in pans or boxes of very moist earth, and when the young plants are well started, they can be transplanted to the stream or pond where you wish them to grow. Oz. \$1.00; pkt. 15c.

PLAIN—Lb. \$1.75; $\frac{1}{4}$ lb. 60c.; oz. 20c.; pkt. 10c.

CARDOON

A vegetable with long, cut-edged leaves resembling those of the artichoke. Cultivated for its leaves and stems only, which are much esteemed when cooked. The long leaves must be thoroughly blanched like celery to bring out the delicate flavor possessed by the Cardoon.

LARGE SMOOTH SOLID—Oz. 30c.; pkt. 10c.

CHERVIL

CULTURE—The seed of Curled Chervil may be sown in well-prepared ground at any time during the spring. The rows should be about one foot apart and plants cultivated like parsley. The leaves are aromatic and used for seasoning.

CURLED CHERVIL— $\frac{1}{4}$ lb. \$1.50; oz. 50c.; pkt. 10c.

CELERY

Fr. Celeri.

Transplanting of the early sorts should be done about 1st June. Set plants in a single row, six inches apart, either on the level surface or in a shallow trench, giving them a good watering. The rows should be 3 feet apart where boards are to be used for blanching, or four feet where soil is used. One ounce of seed produces about 3,000 plants. Plenty of seed should be used so that the best plants may be selected for transplanting.

CULTURE—Celery requires water and lots of it, from the time the seed is sown in boxes in March until it is pulled in the autumn. Celery can be successfully grown in any good garden soil, by using plenty of well-rotted manure with a liberal sprinkling of coarse salt worked into it, and this mixture should be put in the trenches, working it well into the soil, at least two weeks before the plants are transplanted into them. It delights, however, in low, moist, rich bottom land, or well-drained muck soil. Sow the seed in a hot-bed or cold frame, or in the open ground, as soon as fit to work in the spring. Prepare the soil well and cover seed very shallow, firming the soil well after sowing, also keep quite moist until the seed germinates. To insure stalky plants, cut back to within two inches of the crown when 4 inches high.

EWING'S SELECT PARIS GOLDEN SELF-BLANCHING

This variety is without exception the best early Celery in cultivation. It is of dwarf habit and very stocky; stalks uniform in height and very compact; color a rich golden yellow. In quality it is unexcelled, being solid, tender, crisp, and rich in flavor. It is of French origin, and we have obtained our supplies from the same celebrated French grower for many years. Oz. \$2.00; ½ oz. \$1.10; ¼ oz. 60c.; pkt. 25c.

PERFECTED WHITE PLUME

This is the oldest of the self-blanching sorts, and is still immensely popular. It is by far the most attractive of all in appearance, and grows so easily that it should find a place in every garden. Under ordinary conditions, and if started early it may be ready to blanch early in September, and be fit for use a few days later. Its slim, delicately brittle stalks, surmounted with their graceful, ornamental foliage, are unsurpassed from a decorative standpoint, while its delicious flavor and crisp tenderness captivate the most fastidious appetite. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

DOBBIE'S INVINCIBLE WHITE—This White Celery has become immensely popular. It will be found in all respects one of the best varieties either for competition or culinary use. It can be grown for exhibition to an enormous size without running to seed and without losing its fine qualities. Certificated at the Vegetable Conference of the Royal Horticultural Society. Pkt. 25c.

WINTER QUEEN—This is the finest dwarf winter Celery, being quite similar to the Golden Self-Blanching, but of a rich green coloring like the Giant Pascal. It is more readily blanched than the latter and ready for use or market much earlier in the fall. The plants make large bunches of extra-heavy stalks with very large hearts; the stalks are all of even length, and of a most handsome appearance when bunched. ¼ lb. \$1.50; oz. 50c.; pkt. 10c.

DOBBIE'S SELECTED RED—We can with confidence recommend this Celery to competitors. It is a strong-growing sort, very crisp, solid, and well-flavoured, and not liable to run to seed. In Scotland it is the favourite sort for exhibition, and is very generally grown for that purpose in the North of England also. It is invariably the winning sort when well grown. Pkt. 25c.

GIANT PASCAL—A superior keeping sort. The stalks are very large, thick, solid, crisp and of rich nutty flavor; it blanches very easily and quickly. ¼ lb. \$1.50; oz. 50c.; pkt. 10c.

ROSE-RIBBED PARIS SELF-BLANCHING or GOLDEN ROSE—A variety selected from the Paris Golden Yellow, of which it possesses all the good qualities, differing only in the rose color of the ribs. It is a good keeper and of superior quality. Oz. \$1.50; pkt. 15c.

CELERIAC or TURNIP-ROOTED CELERY—This is distinct in growth from the tall Celeries. The edible portion is the large, swollen root, which somewhat resembles a turnip, and is highly esteemed for boiling or for flavoring soups, stews and other dishes. The plants should be started in the same manner as other Celeries, and when of sufficient size, transplant to stand eight to ten inches apart each way in rich soil, hoeing frequently to promote a strong growth. As roots are produced entirely below the surface, plants do not need earthing up. The flavor of roots is distinct and might be described as a combination of the Celery and Parsley flavors. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.



EWING'S SELECT PARIS GOLDEN SELF-BLANCHING CELERY

The following Standard Varieties, ¼ lb. \$1.50; oz. 50c.; pkt. 10c.
EVANS' TRIUMPH. DWARF LARGE-RIBBED. BOSTON MARKET.

CELERY SEED—For flavoring only. ¼ lb. 75c.; oz. 25c.



PERFECTED WHITE PLUME CELERY

THE WILLIAM EWING CO., LIMITED

SUGAR CORN

—Fr. BLE D'INDE SUCRE

hardened off before they are removed from the hot-bed. In order to insure a good stand, put six seeds in each pot or basket, and later, after transplanting to the garden, thin out to three or four plants to the hill. Water well ten or twelve hours before transplanting and if handled carefully, the plants will not wilt or be seriously checked in growth. For a succession, plant seed in the open at the same time plants are put out. Two pounds of seed corn plants 200 to 300 hills; 15 to 18 pounds will sow an acre. Plant seed about 1½ to 2 inches deep. By mail add 10c. per lb. and 5c. per ¼ lb.

CULTURE—The Sweet or Sugar Corn Varieties, being liable to rot in cold or wet ground, should not be planted until the soil has become warm and dry. For a full supply for the table during the entire season, plant every ten days or two weeks until the last week in June in hills 2 x 3 feet apart for the early kinds, and 3 x 3 feet for the large late sorts. Some plant in rows 3½ feet apart and 8 inches apart in the rows. Give frequent and thorough cultivation all the season. Fully two weeks can be gained by starting Sweet Corn in pots or berry baskets, placing them in a hot bed or cold frame. They should not be started too early; three weeks before it is safe to plant in the field is plenty soon enough. Plants should be well

EWING'S
GOLDEN BANTAM
SUGAR CORN

The Finest Early
Sugar Corn

ALL VARIETIES
10c. per pkt.



FIRST EARLY VARIETIES

EWING'S "GOLDEN BANTAM"

A Gem for the small garden. A small ear of remarkable quality and is becoming each year more firmly fixed in popular favor because of its extreme early character, vigorous growth and surpassingly delicious flavor. It is pronounced by thousands of planters the finest extra-early sweet corn ever grown.

Although the dry grain is entirely free from any flinty glaze it is exceptionally hard and firm, hence can be planted earlier than any other true Sweet Corn. The stalks are dwarf and sturdy in habit, growing to a height of four feet; they bear two and three good small ears, which have eight rows of broad yellow grains, extending to the extreme rounded tip.

Is as distinct in flavor from that of white varieties as in color—being almost literally "sweet as honey." Lb. 45c.; ¼ lb. 15c. (post paid, lb. 55c.)

EARLIEST CATAWBA

Resembles Golden Bantam in dwarf growth and extreme earliness, but differs in coloring and flavor. Uniformly handsome ears from six to seven inches long, well filled to the tip with eight rows of broad grains. When ready for use the grains are pearly white, sometimes slightly flushed with rose-pink, but in the dry seed the color is the exact counterpart of a fine Catawba grape—a dark rich purple shaded with rose. Pkt. 10c.; ¼ lb. 20c.; Lb. 55c. (post paid, lb. 65c.)

GOULD'S GOLDEN GENTLEMAN

The ears are medium sized with irregular rows of bright yellow kernels. The color is rather a more pronounced yellow than golden. Of most delicious flavor, very sweet and juicy and is without a peer in this respect. Bears uniformly two ears to the stalk. Lb. 45c.; ¼ lb. 15c.; pkt. 10c. (post paid, lb. 55c.)

EWING'S PEEP O'DAY

On account of its extreme earliness Peep o'Day sweet corn is especially adapted for planting in northern latitudes and in high altitudes where other varieties fail entirely. It is not unusual to find a single plant bearing from four to five ears.

The stalks grow 3½ to 4½ feet in height, and having light foliage may stand very close together. The ears are small, 5 to 6 inches in length. The kernels, though not large, are of good substance and borne 8 to 12 rows to the ear. Lb. 40c.; ¼ lb. 15c. (post paid, lb. 50c.)

METROPOLITAN

It is very little later than Cory, which has been the most popular early sort.

The plant is distinct, being very strong in stalk, growing 5½ feet in height. The leaves are numerous, narrow and very dark green in color. The ears are from 8 to 9 inches long and all set low. They are 10 to 12 rowed, well filled to the tip with large deep grains, which are very tender. It is not merely sweet, but possesses that exquisite richness so well known in the larger and later sorts. (Lb. 40c.; ¼ lb. 15c. (post paid, lb. 50c.))

HOLMES' NEW PREMO

A "sixty-day" Sweet Corn that combines all the merits of the leading varieties, and is superior to many of them in size, quality and yield. Premo can be planted very early, as the young plants withstand slight frosts, while many other varieties are tender. The stalks grow about 5 feet high and are very vigorous, generally bearing two well-developed ears to the stalk. Lb. 40c.; ¼ lb. 15c. (post paid, lb. 50c.).

MALAKOFF—The earliest Sweet Corn grown. Particularly suited to northern districts. Ears and stalk are small. Lb. 45c.; ¼ lb. 15c. (post paid, lb. 55c.).

EARLY CORY—An extra early variety with a red cob. Succeeds well where summer is short, cool, and moist. Ears about six inches long with eight rows of broad grains. Lb. 40c.; ¼ lb. 15c. (post paid, lb. 50c.).

WHITE-COB CORY—As early as the Red-Cob Cory, but not quite so hardy. Grains are pearly white and retain their color when cooked. Lb. 40c.; ¼ lb. 15c. (post paid, lb. 50c.).

MINNESOTA EARLY—A strong growing, standard early variety. Ears are larger than Cory, and matures a little later. Eight rows of large, sweet grains. Lb. 40c.; ¼ lb. 15c. (post paid, lb. 50c.).

MAMMOTH WHITE CORY—An excellent sort but little later than Early Cory. The stalks are large, and each stalk bears two or more large, finely-shaped, twelve-rowed ears of remarkably good quality for so early a variety. One of the largest and best extra-early varieties known. Lb. 40c.; ¼ lb. 15c. (post paid, lb. 50c.).

Medium and Second Early Corn

KENDEL'S EARLY GIANT

This variety is one of the largest Early Sweet Corns. It comes in soon after the Cory. Ears eight to ten inches long, 12 to 18 rowed, filled well to the tip with broad white, sweet kernels of excellent flavor. Stalks short, bearing one or two ears. Lb. 40c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 50c.).

CROSBY'S EARLY

This is the favorite second-early variety; ears about seven inches long, with ten to twelve rows of fine grains of excellent quality. Very largely used for canning. Lb. 40c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 50c.).

COUNTRY GENTLEMAN

Plump, pearly-white, milky kernels. Retaining its delicate tenderness even when a little old. Very productive. The ear is nearly all Corn.

It is at once the delight of the epicure and a luxury within the reach of everybody. The kernels are perfectly round at the end, but of extraordinary depth, the cob being extremely small; nothing, in fact, but a core.

It is of nectar-like sweetness, luscious, tender and milky, and remains "in the milk" longer than other Sweet Corn. The ears measure eight to nine inches in length and the plant is very prolific.

The grains are slender and deep and of irregular shoe-peg arrangement. Lb. 45c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 55c.).

EARLY EVERGREEN

This fine variety is from ten to twelve days earlier than Stowell's, and though it is not quite as tall, it yields large, handsome ten or twelve-rowed ears. Lb. 45c.; $\frac{1}{4}$ lb. 15c.; (post paid lb. 55c.).

PERRY'S HYBRID SUGAR—A very popular and remarkably long-eared sort for one so early. Ears ready for use a few days later than the Early Cory and Minnesota, but double the size of either. Ears twelve-rowed; kernels large, tender and deliciously sweet. Stalks of great vigor, about six feet high, with two perfect ears to the stalk. Lb. 40c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 50c.).

BLACK MEXICAN—A medium-early variety, growing about six feet in height; ears eight inches long, well filled with eight rows of large, rather flat grains, which are a bluish purple, of deliciously sweet flavor. Lb. 40c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 50c.).

STOWELL'S IMPROVED EVERGREEN

For many years this variety has stood at the head of the list of late Sweet Corn, and it bids fair to hold the position for years to come. For main late crop, for the family garden, for the market grower and the canner, it is unexcelled. Stalk strong, bearing two 12-rowed ears, with large sweet kernels. Remains in good condition for some time after gathering, thus continuing the season after frosts. Lb. 45c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 55c.).

ZIGZAG EVERGREEN

One of the best of all the late white varieties, of superior sweetness and productiveness, incomparable whiteness when cooked and its fine appearance when on the table.

Produces ears as large as Stowell's Evergreen, and, what is very important, is ten days earlier. Instead of the rows being straight, the kernels run zigzag, hence its name. Lb. 45c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 55c.).

MAMMOTH LATE SUGAR—A mammoth variety which produces larger ears than any other sort, and of superb quality. The kernels are wide and thick. Is very late. Lb. 45c.; $\frac{1}{4}$ lb. 15c. (post paid lb. 55c.).

FIELD CORN—The leading varieties. See page 36.

POPCORN

WHITE RICE—Most popular for general use. Kernels white, and sharp-pointed. Lb. 15c. (post paid lb. 25c.).

CHIVES

Chives are perfectly hardy perennial plants of the onion type. They are grown for the small leaves which come up very early in the Spring and give a mild onion flavor to food in which they are placed. The tops may be cut off as close to the ground as desired. Pkt. 10c.



STOWELL'S IMPROVED EVERGREEN CORN

CUCUMBER

—FR. CONCOMBRE

most serious insect enemy of the crop. Bordeaux Arsenate of Lead Mixture is by far the best remedy yet discovered. Dilute it with water, 3 ounces to the gallon, and spray it on the vines when in danger of the beetle or blight.

CULTURE—For very early Cucumbers, sow April 1st, in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant, if the weather has become settled and warm, in hills 4 to 6 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over. They succeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until July. The yellow-striped cucumber or squash beetle is the One ounce will plant about 50 hills, 3 lbs. per acre in hills.



“EWING’S IMPROVED LONG GREEN CUCUMBER”

“FORDHOOK FAMOUS”

Extra Long White Spine

This is the most beautiful and longest White Spine Cucumber. Vines produce an enormous crop, being of unusually vigorous growth, with large, thick, heavy leaves which withstand the attacks of insects. Perfectly smooth and very dark green, the handsome fruits measure twelve to fourteen inches long; they are always straight—never turn yellow, and are very solid. The flesh is a greenish white, firm, crisp, and of most delicious flavor. The flesh is unusually thick and seed space extremely small;—it seems to be “all flesh and no seeds!” Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

EWING’S IMPROVED LONG GREEN

A superior strain. Is vigorous and productive, and forms fruits ready for use almost as soon as the shorter varieties. The mature fruit is about 12 inches long and dark green in color, uniform size, crisp and tender. The small fruits are much used for pickles. Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

EVERBEARING—Small size, very early, and enormously productive and valuable as a green pickler. It continues to flower and produce fruit until killed by frost, whether the cucumbers are picked off or not. Remarkably solid, with very few seeds, and of fine quality. Invariably of perfect form, even when small. Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

CUMBERLAND PICKLING—The vines are hardy and fruit very freely. The young cucumbers are thickly set with small spines, and possess the distinctly roughened surface so much desired for small pickles. The large fruits average nine to ten inches in length by two and a half inches in diameter, with full rounded ends, and are of good quality for slicing. Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

THE DAVIS PERFECT

By using this variety gardeners can produce out-of-door Cucumbers that will sell in the market for hothouse forcing varieties. The shape is ideal. It is almost seedless one-third of its length from the stem, and the few seeds that are contained in its blossom end when in eating condition are so small and tender that they are hardly noticeable. Most important of all, it does not lose its dark, rich color when grown outdoors. It is hard to tell the difference between it and a hothouse cucumber. Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

EWING’S IMPROVED WHITE SPINE

It is early, prolific, and produces a continuous crop of uniformly large and symmetrical fruits of an intensely rich deep green color, faintly marked with light yellowish shading toward the tip. It runs very close to type, bearing practically no misshapen fruit or culls. It is the ideal for slicing; the flesh is compact, fine grained, sparkling white and of most refreshing and delightful flavor. The vines are vigorous, quite healthy, mildew-proof, maintaining their luxuriance and bearing abundantly from the earliest to the latest season. Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

ARLINGTON WHITE SPINE FORCING—A strain of White Spine which has been improved through careful selection with a view to use for forcing in hothouses and frames. When young the fruits are tender and crisp, and when fully grown will measure six to seven inches in length. It is dark green in color, very straight and even in shape. Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

EWING’S PEERLESS WHITE SPINE—Deep green. Fine. Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

COOL AND CRISP—Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

(Continued over)

CUCUMBER—continued

TRUE PARIS PICKLING—A splendid French variety. Fruits are long, thin, crisp and very spiny. Vine is vigorous and very productive. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

JAPANESE CLIMBING—A distinct and valuable type, may be grown on a trellis taking up less room in the garden, and keeping the fruits up from the ground and clean. It produces large fine fruits, adapted for either slicing, salads or pickling, and thrives during dry, warm summers. Lb. \$2.25; $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

"LEMON" CUCUMBER—A new and desirable variety, having a strong resemblance to a lemon in its size, shape and color. It has a thin skin. The crispness, tenderness and sweetness are all that could be desired, and it seems to lack the bitterness of the common Cucumber. Pick just as it turns yellow. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

WEST INDIAN GHERKIN, or "BURR" CUCUMBER—Small, oval green fruits, about 2 inches long, covered with soft, fleshy protuberances like prickles; exclusively used for pickles. Lb. \$2.25; $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

OTHER STANDARD VARIETIES

Per $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

EARLY FRAME, EARLY CLUSTER, EARLY RUSSIAN, GREEN PROLIFIC (BOSTON PICKLING), CHICAGO PICKLING.

FRAME OR GREENHOUSE CUCUMBERS

These produce remarkably long and very solid fruits, with few and small seeds. Not adapted for open ground culture. Our seed is from the best English strains. Packets sold contain twelve seeds.

CARTER'S MODEL—25c. per pkt.

LOCKIE'S PERFECTION—25c. per pkt.

ROLLISON'S IMPROVED TELEGRAPH—25c. per pkt.

CUCUMBER
EWING'S
IMPROVED
WHITE
SPINE

SWISS CHARD or "SPINACH BEET"

1 oz. will sow about 75 feet.

The principal use of Swiss Chard is to cook the leaves in the same manner as Spinach, and the stalks are palatable if prepared and cooked like Asparagus. Both leaves and leaf stems may be cut all season if care is used not to injure the crowns.

LUCULLUS—The plants grow to a height of two to two and one-half feet. The stalks are thick and one and one-half inches broad, heavily ribbed, and from ten to twelve inches long below the leaf. These stalks are delicious when cooked and served in the same manner as Asparagus. The extra large leaves of thick texture are heavily crumpled or "savoyed" and of fine flavor. $\frac{1}{4}$ lb. \$1.25; oz. 40c.; pkt. 10c.

LARGE RIBBED—Dark green. The well-known and highly esteemed variety. $\frac{1}{4}$ lb. \$1.25; oz. 40c.; pkt. 10c.

CHICORY

LARGE-ROOTED—Sow Chicory seed as early in the spring as the ground can be worked, in drills half an inch deep and fifteen inches apart, and in mellow soil. The after-culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The dried roots are used as a substitute for and adulterant of coffee. One ounce is sufficient for 100 feet of drill. $\frac{1}{4}$ lb. \$2.25; oz. 75c.; pkt. 10c.

WITLOOF CHICORY or FRENCH ENDIVE—During the winter this vegetable is sold by dealers in fancy fruits and vegetables as French Endive. Seed should be sown in June, in drills ten inches apart; allow plants to grow until November, when they should be taken up, trimmed to one and a half inches from the neck, leaving about eight inches, then plant upright, one and a half inches apart, in a trench sixteen inches deep. Fill trench with good soil, and for quick growth cover with manure. In about four weeks it will be ready for use, and may be eaten either raw or cooked. Oz. 50c.; pkt. 10c.

SWISS CHARD
"LUCULLUS"



IMPROVED NEW YORK PURPLE EGG PLANT

EGG PLANT—Fr. AUBERGINE

CULTURE—Sow the seeds of Egg-Plant in hotbeds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in May or June. Egg-plant seed requires a higher temperature for germination than other garden vegetables, and this temperature should be maintained right along in order to maintain strong and healthy growth. The soil can hardly be made too rich. After settled warm weather has set in, set the plants in open ground, allowing 3 feet space between the rows, and 2 feet space between the plants in the row. Watch for the potato beetle. This pest, as well as blight, may be controlled by spraying with Bordeaux Arsenate of Lead Mixture.

BLACK BEAUTY

From ten days to two weeks earlier than the purple varieties, and of rich, lustrous, purplish black color and is a distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits. The fruit is very attractive in appearance. This variety is entirely spineless. Quality the very best. Oz. \$1.50; pkt. 10c.

NEW YORK IMPROVED LARGE PURPLE—This variety is largely grown and produces the Egg-plants in great quantities; plants sometimes bear from 6 to 8 fruits each. They are large, nearly round, dark-purple, free of thorns and of excellent quality. Oz. \$1.50; pkt. 10c.

EARLY LONG PURPLE—This variety has long fruits two and a half inches in diameter and from six to eight inches in length. Very rich, dark coloring. Oz. \$1.50; pkt. 10c.

LEEK—Fr. POIREAU

The Leek is a very hardy plant with a sweet onion-like flavor. It does not make bulbs, but the plant has a long, thick neck somewhat resembling the young growth of the onion in the spring.

Sow in April in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow.

MONSTROUS CARENTAN—A new and valuable strain of the superior Leek; of extra large size, easily blanched and of the finest quality. ¼ lb. \$1.25; oz. 40c.; pkt. 10c.

GIANT MUSSELBURGH—Thick, long stems, of sweet, mild flavor. ¼ lb. \$1.25; oz. 40c.; pkt. 10c.

FLAG—A very fine leek, with long, large stems, which are sweet and white when properly blanched; vigorous grower. ¼ lb. \$1.25; oz. 40c.; pkt. 10c.

ENDIVE—Fr. CHICOREE

Endive is an excellent autumn and winter salad; especially when blanched. It is also used extensively for garnishing, and if boiled makes fine "greens." Sow seed late in the spring or even as late as July, in shallow drills, fifteen inches apart, and when plants are strong, thin out to about a foot apart. To blanch, gather up the outer leaves over the center of the plant, and tie them together at their tips. Sow one ounce of seed to 100 feet of drill.

BROAD-LEAVED BATAVIAN (Escarolle)—The most popular variety for the market. Leaves broad, thick, somewhat wrinkled. Excellent for "greens" and flavoring soups and stews, as well as for salads. ¼ lb. 90c.; oz. 30c.; pkt. 10c.

MOSS CURLED—Foliage very dense and beautifully fringed. ¼ lb. 90c.; oz. 30c.; pkt. 10c.

GREEN CURLED—The hardest variety. Leaves dark green, finely cut; easily blanched to a fine white. The flavor is pleasantly bitter, stimulating and zest-giving. ¼ lb. 90c.; oz. 30c.; pkt. 10c.

WHITE CURLED—Foliage somewhat coarser than the Green Curled, moderately dense, pale green. ¼ lb. 90c.; oz. 30c.; pkt. 10c.

KALE—See BORECOLE

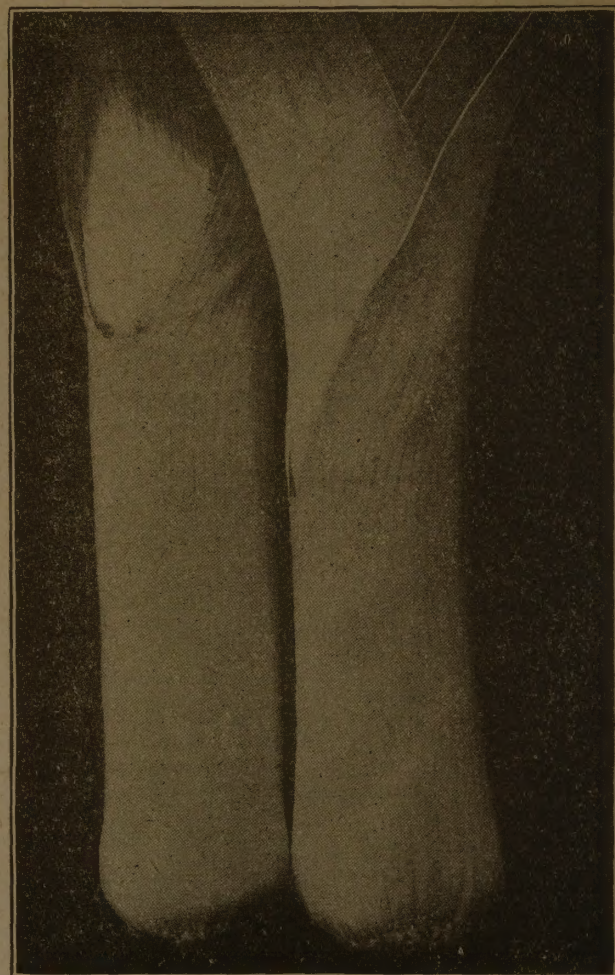
KOHL RABI—Fr. CHOU RAVE

Turnip-rooted Cabbage.

CULTURE—The edible part is the bulb, which grows on a stalk a few inches above ground. Sow seed in drills, allowing 16 or 18 inches' space between the drills, and thin to 4 or 6 inches apart in the row. First sowing may be made as soon as ground can be worked in spring and successive ones repeatedly later.

EARLY WHITE—Flesh white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it particularly desirable on account of earliness. Oz. 60c.; pkt. 10c.

PURPLE GIANT—The outside color is purple. Flesh white and delicate. Oz. 60c.; pkt. 10c.



MONSTROUS CARENTAN LEEK

LETTUCE—Fr. LAITUE.

NEW YORK or Wonderful The King of Main Crop Head Lettuces

Immense Heads as Solid as a Cabbage. Blanches Beautifully.
Crisp, Tender and Free from Bitterness.

It produces immense heads, often 15 and 16 inches across, and weighing enormously. The interior is beautifully blanching, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness. It is a very large, robust growing variety, rooting deeply, resisting hot, dry weather, very slow to run to seed and a sure header under most trying conditions. The outer color is of a distinct apple green. $\frac{1}{4}$ lb. \$1.00; oz. 35c.; pkt. 10c.

SELECT BIG BOSTON

This is a fine forcing variety for cold-frames during the winter months, as it produces heads of very large size, often ten to twelve inches across, and succeeds better in a cooler temperature than most forcing strains. The large heads are beautifully blanching and of superior quality. It heads well also in the open ground during cool weather of spring and fall, and is very popular in the South to grow for shipping North. $\frac{1}{4}$ lb. \$1.00; oz. 35c.; pkt. 10c.

MAY KING

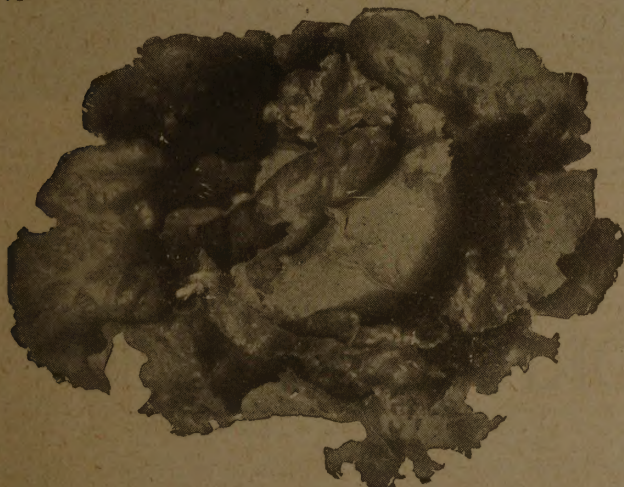
An unequalled variety for early spring planting in the open ground. It is extremely hardy and very quick growing. The plants grow six to seven inches in diameter, with the outer leaves folded closely, forming the plant into a solid head. The outer leaves are light green, slightly tinged with brown; the inner leaves are bright yellow and of a fine, rich, buttery flavor. Each head will weigh nearly a pound on the average. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

IMPROVED HANSON

The Hanson is one of the most valuable of the crisp heading sorts. It is in all respects one of the very best out-door varieties for both the professional and amateur gardener. It is very hardy and will stand extremes of weather better, perhaps, than any other of the "crisp heading" sorts.

In color it is of an attractive green. The head, which attains a large size, is hard, tender and crisp, with a blanching appearance in the center.

It is of capital table quality, wholly free from bitterness and remains in excellent condition for use long after it has reached maturity. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.



NEW YORK or Wonderful

ICEBERG—A large crisp lettuce, always tender, Iceberg stands hot weather remarkably. Give each head 14 inches in a row. The color is light green, lightly tinged with brown. Try this either for home or market garden. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.



IMPROVED HANSON LETTUCE

GRAND RAPIDS

This is probably the best of the loose-leaved varieties. It forms no head, but produces an abundant crop of pale green leaves, slightly but closely crumpled, which, even when old, retain their characteristic sweetness and brittle character. In this respect it excels many of the best heading varieties. Moreover, the flavor, even of the outside leaves, is fully equal to that of the heart leaves of many leading varieties. $\frac{1}{4}$ lb. \$1.00; oz. 35c.; pkt. 10c. More largely grown for forcing than any other sort.

CALIFORNIA CREAM BUTTER

OR ROYAL SUMMER
CABBAGE

A splendid lettuce for the open ground, producing very large solid heads in cool weather. Largely planted in the Southern States for shipping to the northern markets during the winter. The heads are of large size, very solid, and the interior portion blanches to a beautiful white. The genuine stock of this popular lettuce can be distinguished by very small spots on the outer leaves. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.



LETTUCE "MAY KING"

BLACK-SEEDED SIMPSON—This is the standard curled variety for home use or market. The plants are very compact, grow quite large, with golden-yellow leaves, the centers being much lighter in coloring. The leaves are curly, finely fringed, very crisp, tender and mild. $\frac{1}{4}$ lb. \$1.00; oz. 35c.; pkt. 10c.

LETTUCE—continued



CALIFORNIA CREAM BUTTER LETTUCE

EARLY CURLED SIMPSON (SILESIA)—Forms a close, compact mass of leaves that are large and broad, crimped and blistered, and light green in color. Not desirable for forcing with bottom heat. It is, however, recommended for planting in cold frames, and extensively grown in the open. $\frac{1}{4}$ lb. 90c.; oz. 30c. pkt. 10c.

MAXIMUM or "IMMENSITY"—The largest of the cabbage sorts and almost a third larger than California Cream Butter, which it resembles in color and shape. Makes a fine tender buttery head. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

PRIZE HEAD—Is very large; stained with red, outer leaves curled; very crisp and tender; slow in running to seed. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

THE MORSE—A large loose-bunching or non-heading variety, forming a large bunch of leaves which are very crisp and of fine flavor. In color it is a light green and very attractive. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

COS or ROMAINE LETTUCE

PARIS WHITE COS—Cos Lettuce is quite distinct and popular on account of their tender, crisp leaves and delicate flavor. The leaves are long and narrow, and need to be tied up, when they soon form solid heads, and bleach snow white. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

GREEN PARIS COS—A fast-growing variety, not quite so large as the Paris White Cos, but somewhat earlier. Head is long and of a dark, glossy green color. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.



SELECT BIG BOSTON LETTUCE

MUSHROOM—Fr. CHAMPIGNON.

When ordered by mail, add 15 cents per brick to price of Mushroom Spawn, for postage in the Dominion.

MUSHROOM CULTURE.—Can be successfully grown at any season in either shed or cellar where a temperature of 45 to 55 degrees can be maintained, and providing the place be dry. Procure the quantity necessary of fresh horse droppings, as free from straw as possible and moist with urine if it can be got that way. Turn this over, say 3 or 4 times in a week, covering the heap to prevent washing with rain or drying out with the sun. To this then add a fourth of its bulk of nice light loamy soil, mixing all carefully together. The bed should be made 4 ft. wide and whatever length is required. Put twelve inches or so in the bottom of the bed of rough manure tramped down, and on top of this 4 to 6 inches of the prepared manure, when the temperature has declined to 130, the latter being put on in layers and pressed down firmly and smoothly. Then put planks on edge to form a box round the bed and nail firmly together and cover all over with clean hay or straw.

When the bed thus made registers 90 to 95 degrees a few inches below the surface then break a brick of spawn into 12 pieces and place these pieces $1\frac{1}{2}$ inches deep and 8 inches apart. When temperature of bed reaches 85 degrees remove the straw and cover the whole surface over with two inches of fine sifted loam, beating it down firmly and smoothly, then put on the covering again. Watering is of the greatest importance. If dung was moist when bed was made watering will likely not be necessary till after spawning, but look over the bed weekly and give a thorough watering, with water at a temperature of 95 degrees, when necessary going over the bed twice, using a fine spray. Be sure that at the end of six weeks, if the bed shows any signs of drying out to water thoroughly then, because by watering when the bed is bearing, the small mushrooms are liable to damp off. When first crop is gathered, procure some dry cow manure and mix thoroughly with a little fine soil, covering the bed over with half an inch of the compost, beating it smooth, and give a good watering then. Mushrooms should always be picked, not cut.



FINEST AMERICAN MUSHROOM SPAWN.—Per brick, 30c.; per doz.; \$3.00

MUSTARD—Fr. MOUTARDE.

CULTURE—When used for salads, sow thickly in shallow drills 6 inches apart. Successive sowings may be made every week or two. When grown to produce seed for use in pickles, pepper sauce, etc., sow early in rows a foot apart and 3 inches apart in the row.

CHINESE—The leaves are twice the size of the ordinary White Mustard, while the flavor is sweet and pungent. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

WHITE—Leaves are light green, mild and tender when young; seed light yellow in color. Lb. \$1.75; $\frac{1}{4}$ lb. 60c.; oz. 20c.; pkt. 10c.

PICKLING MUSTARD—For flavouring. Lb. \$1.00.

OKRA or GUMBO

One ounce of seed for 100 feet of drill.

CULTURE—This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground, about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills. Culture otherwise much like corn.

LONG GREEN—An old-time favorite, very productive and bears long pods, which are of good quality. Oz. 25c.; pkt. 10c.

MUSK MELON

Fr. MELON MUSCADE.

CULTURE—Melons thrive best in a light, rich soil. Plant in May, when the ground has become warm and dry, hills 5 to 6 feet apart each way for Musk melons, 8 to 10 feet for Water melons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds, after all danger of bugs is over, thin out to three or four plants per hill. A few hills for early use may be had by sowing on pieces of sod in a hotbed. Seed can also be sown in the house in March in a six-inch pot, and when warm enough transplant to open ground. Melon vines are subject to the same destructive insect and fungous foes as are cucumber and squash vines. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops.

One ounce will plant about 60 hills.

EWING'S MONTREAL IMPROVED NUTMEG

Light green flesh, large size and splendid flavor. The best variety in cultivation. Our stock is true, and saved from selected melons grown here under glass. It is to be noted that the leading hotels in New York, Philadelphia and other cities in the United States buy Montreal Melons in large quantities during the season. Oz. 75c.; pkt. 15c.

EXTRA EARLY HACKENSACK—An old-time favorite. Melons grow to large size, are deeply ribbed and covered with coarse netting, making an attractive appearance. Skin green, turning yellow when Melons mature; flesh green, very sweet. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

ROCKY FORD IMPROVED—This delicious Melon is of the Netted Gem type, oval in shape and beautifully netted. It has been improved at Rocky Ford, Colorado, a section noted for its fine Musk melons. The melons average about five inches in length and are of most delicious flavor; flesh is smooth-grained and light green color. It is a very popular variety, and the melons are found on the tables of all leading hotels and restaurants during their season. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

PETOSKEY or PAUL ROSE—Excellent market variety, with thick, firm, orange-colored flesh. It is slightly oval, ribbed and heavily netted; size small. Skin light green, changing to a faint golden hue when fully ripe. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

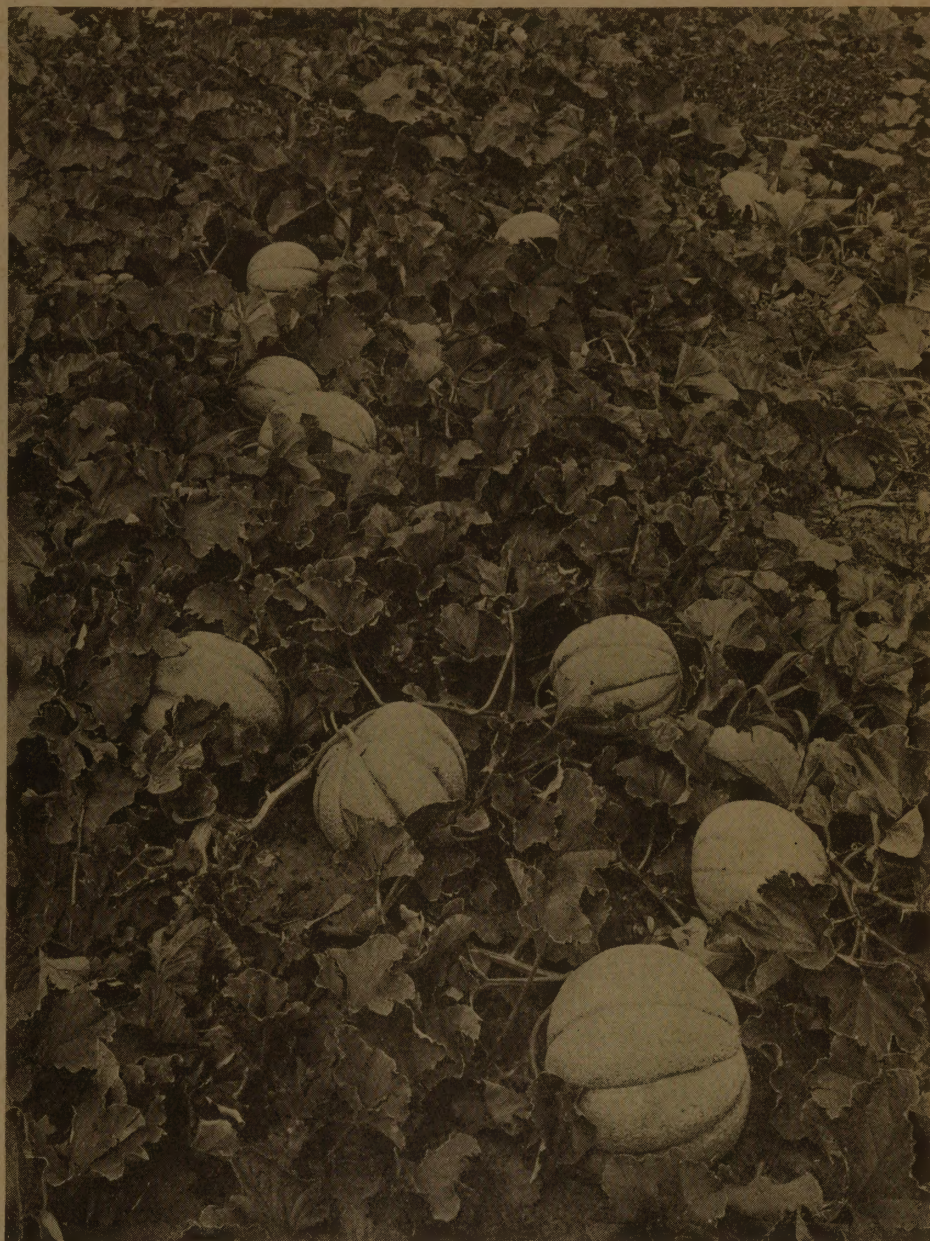
EMERALD GEM—A small, very early Melon; flesh salmon-colored and flavor is exceptionally fine. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

TIP TOP—One of the best known of the deep yellow or salmon flesh varieties. The fruits are large, nearly round, slightly ribbed and lightly netted over a light yellow skin. Very highly flavored and gives general satisfaction. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

MONTREAL MARKET—A large-fruited variety, slightly oval. Skin dark green, heavily netted. Flesh light green and of excellent quality. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

LARGE YELLOW MUSK— $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

GREEN NUTMEG— $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.



FIELD OF EWING'S MONTREAL IMPROVED NUTMEG MELON

WATER MELON—Fr. MELON D'EAU

Light, sandy or gravelly soil is necessary for the best water melons. They seldom do well on heavy or clay soils, and these lands should be avoided for water melons. In the garden the soil can be made suitable by spading in each hill some well-rotted manure and sand or loam.

Plant the seed about the middle of May, in hills about eight feet apart. Use five or six seeds to a hill and thin out to two plants as soon as the second or third leaf shows. Use about four ounces of seed to 100 hills.

COLE'S EARLY—The earliest Watermelon. Best for the amateur. It is not only the earliest variety in cultivation, but continues to bear enormously throughout the season. The fruit is nearly round; rind thin and brittle; flesh deep red and of extremely delicate texture, sweet, juicy, and delicious. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

KLECKLEY SWEETS—The fruit is oblong in form, 18 to 20 inches long and 10 to 12 inches in diameter; skin dark green; flesh bright red, extremely sweet, melting and luscious. Ripens close to the rind. Highly recommended for the market and family garden. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

MOUNTAIN SWEET—An old favorite; oblong, dark green fruits, rind thin; flesh red, solid and sweet. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

ICE CREAM or PEERLESS—The old but extremely popular home market Melon. Medium in size, almost round; the skin a pale green; flesh bright scarlet, fine-grained, solid to the center, sweet, crisp, and melting. Its delicious flavor entitles it to the name of "Peerless." $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

PHINNEY'S EARLY—One of the first to ripen, of good size and very productive; oblong, rind a distinct mottled color; flesh deep red; quality excellent. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

CITRON "COLORADO PRESERVING"—This is a large-fruited strain of Citron for preserving. Flesh clear white and very solid; olive-green seed. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

THE WILLIAM EWING CO., LIMITED

ONION

Fr. OIGNON

ing them well hoed and free from weeds at all times. Pickling onions should be thinned, but very slightly, and in every case onions should be pulled and left on the ground to dry whenever the stalks die down, otherwise they are likely to start a second growth if the weather be moist. 1 oz. to 100 ft. of drill; 6 lbs. per acre.

CULTURE—Onion Seed should be sown as early in the spring as possible to get the ground in shape even though the weather is cold. Thorough preparation of the soil is one of the most essential points in successful onion growing and should not be slighted no matter how large or how small the area. Fall plowing is desirable on most soils as it will eliminate more or less hand raking in the Spring which is necessary in the preparation of a proper seed bed. Onions delight in a rich, deep, sandy loam, but excellent yields can be obtained from heavier soils properly fertilized. Large quantities of well-rotted manure should be used when obtainable, also high grade commercial fertilizers containing a large percentage of potash. Sow the seed in drills twelve to fourteen inches apart and about one-fourth inch deep. After they are well started, or about three or four inches high, thin out to stand two to four inches apart, keeping them well hoed and free from weeds at all times. Pickling onions should be thinned, but very slightly, and in every case onions should be pulled and left on the ground to dry whenever the stalks die down, otherwise they are likely to start a second growth if the weather be moist. 1 oz. to 100 ft. of drill; 6 lbs. per acre.



EWING'S EXTRA SELECTED LARGE RED WETHERSFIELD ONION

EWING'S EXTRA SELECTED LARGE RED WETHERSFIELD

A Leading Variety in all Sections. Produces Enormous Onions, Clean, Solid and Heavy. A Sure Cropper and Long Keeper.

Those who prefer an Onion with an abundance of flavor and who consider the extremely mild varieties insipid, will be well satisfied with Wethersfield. Indeed, for boiling purposes, such highly flavored sorts are preferable, though they are generally considered less suitable for slicing in salads. This is a general favorite everywhere, and is largely grown both for market and private use. It shapes up very quickly, insuring a good supply during the growing season, while its keeping quality is equal to the best. The exterior color is dark glossy red, and the flesh is faintly tinged with the same color. It is especially popular in Quebec Province, where immense crops are grown for market. Large in size; form round, somewhat flattened. Lb. \$3.75; ¼ lb. \$1.00; oz. 35c.; pkt. 10c.

EWING'S EXTRA SELECT YELLOW GLOBE DANVERS

This is one of the oldest American varieties, which takes its name from the town near which it was first grown, and has always been a general favorite. Its keeping quality is supremely good. With this exception it cannot be said to excel greatly in any one particular, but it is so constantly good in all respects that it is fully equal to any, and is esteemed by many as the one best all around Onion, so that the majority of those who grow only one sort choose Yellow Globe Danvers. Is almost round, but a trifle flattened at both ends. Early, great cropper, a splendid firm, hard-fleshed sort. Lb. \$4.20; ¼ lb. \$1.20; oz. 40c.; pkt. 10c.

MAMMOTH SILVER KING

One of the largest varieties in cultivation, often weighing 2¼ pounds each. It matures early and is of uniformly large size and fine shape, being flat but thick. The skin is clear, silver white; flesh snowy and tender, of mild, sweet flavor. To attain its greatest size should be sown early and transplanted. Its striking size and handsome appearance as well as mild flavor recommend it for exhibition and fancy market or table. Lb. \$5.50; ¼ lb. \$1.50; oz. 50c.; pkt. 10c.

OHIO YELLOW GLOBE

To Ohio growers belongs the honor of producing, by many years of painstaking care, selection and cultivation, this finest strain of that extreme type of Globe now so deservedly popular in all large Onion markets. Its main points of excellence are: Distinct and attractive shape; handsome, bright, even color; necks very small; ripens early and all at once. The solid bulbs are excellent winter keepers, and all that can be desired in size and quality; enormous yielders—800 bushels per acre are frequently grown on rich Onion land. This is a superb Onion for all classes of soil. Lb. \$4.50; ¼ lb. \$1.25; oz. 40c.; pkt. 10c.

SOUTHPORT RED GLOBE

The handsomest and most richly colored of all red Onions. The Onions measure two and a half to three inches in diameter, and are remarkably uniform in size. The extra-dark, rich coloring makes a most attractive appearance when prepared for market. The plants are thin-necked, ripening down to a hard, solid ball, insuring the largest percentage of market Onions and the best keeping qualities. Lb. \$4.20; ¼ lb. \$1.20; oz. 40c.; pkt. 10c.

SOUTHPORT WHITE GLOBE

Of beautiful silvery-white color, perfectly globe-shaped, uniform in size. Flesh firm, fine-grained and of pleasant flavor. Southport White Globe comes very beautiful and true to type. Of true globe type, solid and with very small neck. Lb. \$5.30; ¼ lb. \$1.50; oz. 50c.; pkt. 10c.

AILSA CRAIG

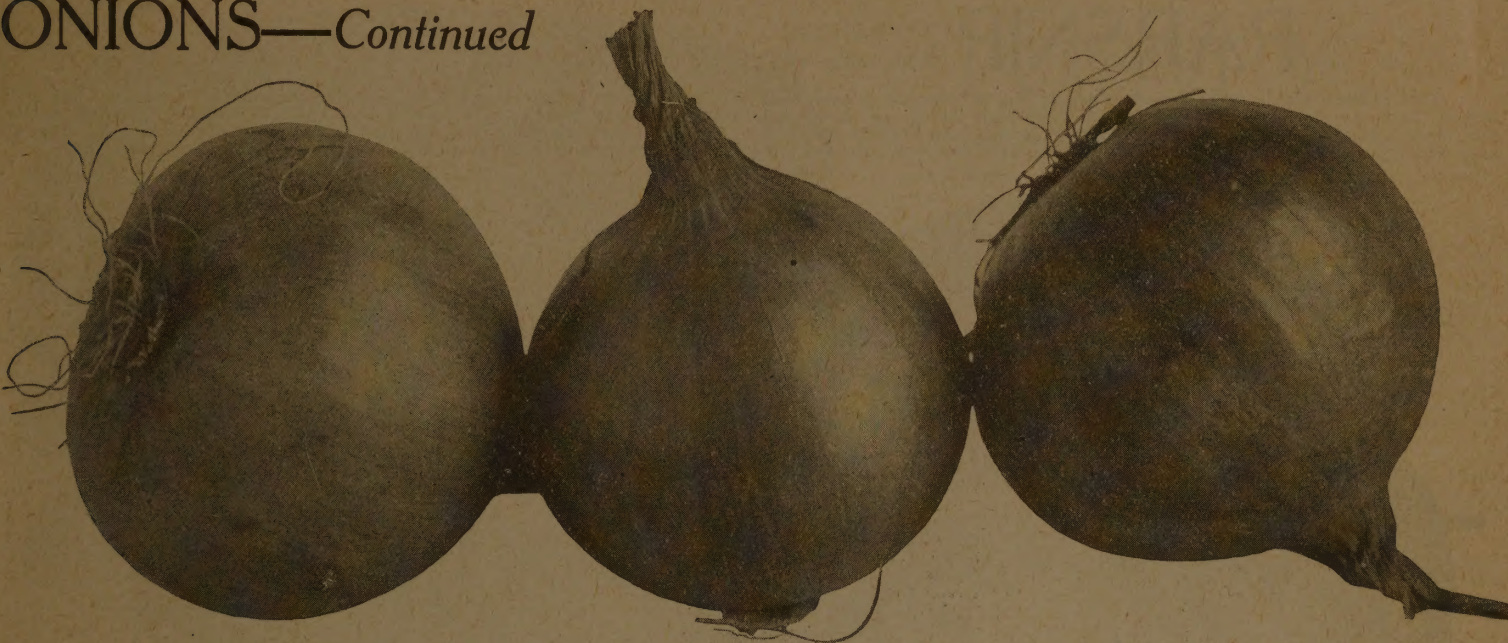
Combines all the necessary qualities for the ideal Onion. The skin is pale yellow, flesh snow-white, handsome oval-shaped, delicious in flavor, in fact is equal in every respect to the popular Spanish Onions. While attaining an immense size, from one and one-half to two and one-half pounds at maturity, it is solid to the core, one of the most desirable points in large varieties. Unexcelled for exhibition purposes. Oz. \$1.00; pkt. 10c.

CRANSTON'S EXCELSIOR

A handsome, extra large, globe-shaped onion, with small neck; of pale straw color and mild flavor, with good keeping qualities. A leading exhibition variety. Oz. \$1.00; pkt. 10c.

EVERYTHING FOR FARM AND GARDEN

ONIONS—Continued



ONION GIANT PRIZE TAKER

GIANT PRIZE TAKER

The Prize-Taker Onion is recognized as one of our best standard varieties. It succeeds everywhere, and whether grown for home use or for marketing it gives universal satisfaction. Its immense size will recommend it to all, particularly when it is known that its keeping qualities are unexcelled. The exterior color is pale yellow, and the interior clear sparkling white. It is easily grown, medium early in maturing, mild in flavor. By sowing early in a sheltered spot and transplanting the young plants, it can be grown to an immense size. Lb. \$4.50; $\frac{1}{4}$ lb. \$1.25; oz. 40c.; pkt. 10c.

WHITE PORTUGAL or SILVER SKIN.—The best known and most largely used white onion. Is flat on the bottom and thick towards the top. Very hard and firm and an excellent keeper. Flat shaped, early, mild flavored. $\frac{1}{4}$ lb. \$1.50; oz. 50c.; pkt. 10c.

WHITE QUEEN or EXTRA EARLY BARLETTA.—Best of all for small pickles and the earliest ripening onion in cultivation. The bulbs, of a pure paper-white, are generally very small, averaging only one to one and one-half inches in diameter, and are most mild in flavor. Lb. \$6.25; $\frac{1}{4}$ lb. \$1.75; oz. 65c.; pkt. 10c.

SOUTHPORT YELLOW GLOBE.—It is entirely distinct from the Danvers type, being somewhat more pointed at each end. The outer skin is pale yellow; flesh white and mild in flavor. Quite productive, very hardy and keeps a long time in good condition after pulling. Lb. \$4.50; $\frac{1}{4}$ lb. \$1.25; oz. 40c.; pkt. 10c.

WHITE BARLETTA.—Extremely early; small, pure white with silver skin, flesh mild but firm; unexcelled for pickling. Lb. \$6.25; $\frac{1}{4}$ lb. \$1.75; oz. 65c.; pkt. 10c.

AUSTRALIAN BROWN.—Medium size, almost round, rich, brownish-bronze skin, very solid, good quality, grand keeper. Lb. \$3.50; $\frac{1}{4}$ lb. 95c.; oz. 30c.; pkt. 10c.

PARSLEY—Fr. PERSIL

Parsley is used for seasoning soups and stews, for salads, and is also very universally used for garnishing, also for ornamental borders in the flower garden; succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks sometimes elapse before it makes its appearance. It should be sown early in the spring. One ounce of seed will sow about 150 feet of drill.

EWING'S DWARF PERFECTION.—Exquisitely curled and of bright green color. Leaf-stalks are exceedingly short and leaves almost lie upon the ground, forming a very low thick tuft and so finely curled as to resemble a piece of dense moss. The best variety of all to use for decorative purposes and for garnishing dishes. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

CHAMPION MOSS, CURLED.—A compact-growing, very ornamental plant. Leaves a bright green color, finely crimped and beautifully curled. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

TRIPLE CURLED.—A handsome, compact sort. Fine for market or private garden; leaves bright pale green; extra curled and crimped. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

PLAIN.—Leaves are plain and have a good flavor. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

HAMBURGH, or TURNIP-ROOTED.—The roots resemble a small Parsnip and are the edible portion of this variety. Used for flavoring soups, etc. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

EXTRA EARLY RED WETHERSFIELD.—The earliest of the red sorts, coming into use from ten days to two weeks earlier than the Large Red Wethersfield. It is adapted to cold, damp, mucky soils where other varieties fail to produce large-size Onions. It is very productive, keeps well, and has a mild flavor. Lb. \$4.20; $\frac{1}{4}$ lb. \$1.20; oz. 40c.; pkt. 10c.

FLAT DANVERS.—Yellow, good keeper. Lb. \$3.50; $\frac{1}{4}$ lb. 95c.; oz. 30c.; pkt. 10c.

GIANT ROCCA.—Beautiful oval shape and very large, pale lemon or straw-color, mild in flavor. $\frac{1}{4}$ lb. \$1.75; oz. 65c.; pkt. 10c.

MAMMOTH WHITE ITALIAN.—A distinct Onion of the Italian type; immense in size and somewhat flattened. Skin pearly white, flavor delicate. $\frac{1}{4}$ lb. \$1.75; oz. 65c.; pkt. 10c.

MAMMOTH RED ITALIAN.—Same as preceding excepting color. $\frac{1}{4}$ lb. \$1.75; oz. 65c.; pkt. 10c.

ONION SETS

Onion sets should be planted as early as the ground is in condition to work, in rows 12 to 15 inches apart, with sets two inches apart in the rows. Green Onions for bunching come in very early, while the crop of large bulbs matures very much earlier than if planted from seed. If by mail, add 10c. per lb. for postage.

YELLOW BOTTOM SETS.—Lb. 25c. **TOP ONIONS.**—Lb. 40c.

WHITE BOTTOM SETS.—Lb. 30c. **SHALLOTS.**—Lb. 20c.

RED BOTTOM SETS.—Lb. 25c. **WHITE MULTIPLIERS.**—Lb. 20c.

GARLIC.—Lb. 30c.



PARSLEY TRIPLED CURLED

THE WILLIAM EWING CO., LIMITED

PARSNIP—Fr. PANAI.

One ounce will sow about 150 feet of drill; 5 lbs. will sow one acre.

CULTURE—Sow early in Spring in deeply dug or trenched ground, that has been enriched the previous fall in drills 18 inches apart, thinning out to 6 or 8 inches. In heavy clay soil that is wet and sticky in early spring, and that later is likely to get very hard, we have found it a good plan to sow seed in the fall, so late that there is no chance of the seed germinating. In this way it starts very early. For exhibition purposes it is a good plan to make a line of holes 1 to 1½ feet deep, with a pointed picket filling these with a rich sandy compost; then sow a few seeds on top of each and you will have extraordinarily large smooth roots.



PARSNIP—"Cooper's Champion Hollow Crown."

COOPER'S CHAMPION HOLLOW CROWN

Our selection of this highly esteemed variety is surely the best for the private garden. We have discarded all the types with slim, long roots that invariably break in digging, and offer only a shapely heavy shouldered strain with its greatest girth at the crown and gradually tapering to a small root. This is easily dug, and is suited to a greater variety of soils than any. To secure best results deep digging is essential and the soil should be free from stone and well cultivated. Lb. \$2.00; ¼ lb. 60c.; oz. 20c.; pkt. 10c.

DOBBIE'S SELECTED

This Parsnip, which was introduced some years ago, not only holds its own, but increases in popularity every year. The seed has been saved with the greatest care from roots of the finest form and quality. From its large size it is well fitted for competition purposes, and is generally recognized as the best for exhibition. No other can compare with it for appearance being of a beautiful pearly white colour. Certified, R.H.S. Oz. 60c.; ½ oz. 35c.; pkt. 15c.

THE STUDENT OR GUERNSEY—Half-long and very smooth, an excellent and very productive variety. Lb. \$2.00; ¼ lb. 60c.; oz. 20c.; pkt. 10c.

PEPPER—Fr. PIMENT.

One ounce of seed for 1,000 or 1,500 plants.

CULTURE—Sow seed in flats under glass in March; prick out in other flats when 2 or 3 inches high, 2 inches apart each way, and when the weather has become thoroughly settled in spring and danger from freezes is over, transplant to open ground in warm, rich and well-prepared soil, making the rows 2 to 3 feet apart, with plants 15 to 18 inches apart in the rows.

CHINESE GIANT—Immense Pepper of a brilliant scarlet color. The flesh is unusually thick and very mild, having none of the pungency of most of the older varieties. The plant is about two feet high and of strong vigorous growth. Largest of all. Oz. \$1.25; pkt. 10c.

LARGE BELL, or BULL NOSE—Very large, nearly four inches long and three inches in diameter; glossy red. Excellent for use in salads and pickles. Oz. \$1.25; pkt. 10c.

LONG RED CAYENNE—A strong, pungent variety, having long, pointed fruit, which is bright scarlet when ripe. A well-known and popular variety. Oz. \$1.00; pkt. 10c.

NEAPOLITAN—This is the earliest of the large, mild, red Peppers, grows about two feet high and is completely laden with fine Peppers about four inches long and ½ to 2 inches in diameter. Worthy of a place in every garden. Oz. \$1.25; pkt. 10c.

UPRIGHT SWEET SALAD—This sort produces a greater number of fruits than the large sweet Peppers. The fruits are just the right size to serve whole, not large, about 3 inches long, 2½ inches to 3 inches across. The flesh is quite thick, mild and sweet, and the skin very tender. The color of the ripe fruit, both skin and flesh, is a rich, brilliant scarlet. Grows upright on the stem, hence its name. Oz. \$1.25; pkt. 10c.

PROCOPP'S GIANT—Bright Scarlet, 8 to 9 inches long—Oz. \$1.00; pkt. 10c.

LONG RED—Brilliant red. Oz. \$1.00; pkt. 10c.



CHINESE GIANT PEPPER



POTATO "VERMONT GOLD COIN"

VERMONT GOLD COIN—There is no better variety for winter storing. Shallow eyes. Excellent quality and an enormous yielder. The vines make a particularly healthy growth, withstanding blight where many other varieties are cut down. The tubers are of good size and lie close together in the hill. In form the tubers are slightly oblong, rather broad and quite thick through. The eyes are small and there is very little loss in paring. The skin is thin, smooth and glossy, of a light golden tint, having just sufficient color to distinguish it from the white-skinned varieties. Flesh is fine-grained and pearly white. Cooks to a dry floury whiteness of unequalled table quality. **Per bush. \$2.50; per peck 75c.**

POTATOES

Superior, Northern-grown, especially for Seed.

1 peck will plant about 125 hills; 10 to 12 bushels per acre, in drills 3 feet apart.

NOROTON BEAUTY or "**QUICK LUNCH**"—Extra early. The most uniform in size, color and quality of any extra-early potato. Tubers are nearly globular in form. The eyes are shallow, with a pinkish cast around each eye, while the smooth, brownish-white skin is flaked with rosy-crimson. Although this variety matures quickly, it is an immense cropper, producing very few small tubers, the crop invariably finishing perfectly even in size. **Per bush. \$3.00; per peck 85c.**

TRUE EARLY ROSE—The Early Rose is the old standard early potato; rosy blush skin, white flesh; productive, and of excellent flavor; a fine keeper. A standard variety that has been popular for years. **Per bush. \$2.50; per peck 75c.**

EARLY OHIO—Extra-early, maturing about two weeks before the Early Rose; almost round; flesh solid, cooks dry and mealy. Largely grown in the South for shipping to Northern markets. **Per bush. \$3.00; per peck 85c.**

CARMAN NO. 1—Size medium to large; thick and slightly flattened, a good tuber, nearly five inches long, three and a half inches broad, and one and a half inches in thickness; color of skin very pale, nearly white; eyes few. Second early. **Per bush. 2.50; per peck 75c.**

IRISH COBBLER—One of the most reliable early Potatoes ever sent out. The yield is very large for an early variety—equal to some of the late ones. Form oval and round; skin lightly netted, creamy white and having few eyes, which are quite shallow—some even with the surface. Flesh pure white; and of the finest quality. Irish Cobbler is not excelled as a profitable variety for market or home use. **Per bush. 2.50; per peck 75c.**

GREEN MOUNTAIN—A standard late variety, combining strong, vigorous growth and great productiveness with large size, handsome appearance, and excellent quality. The potatoes are of broad, oval form, with thick, broad ends, eyes few and shallow. A most popular market sort. **Per bush. \$2.50; per peck 75c.**

PUMPKIN Fr. CITROUILLE.

CULTURE—Sow in good soil in May, when the ground has become warm, in hills 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn. Pumpkin varieties, if planted together, will mix. There is not much danger of their mixing or hybridizing with squashes or other vines. One ounce for 25 hills, 3 pounds for an acre.

WINTER LUXURY—Generally regarded as the finest quality pie pumpkin. Besides its high quality it is the best Winter keeper of all. In size, about nine or ten inches in diameter; its skin is a beautiful deep orange yellow with a very close netting almost as russeted as a potato. **¼ lb. 90c.; oz. 30c.; pkt. 10c.**

JAPANESE PIE—A crook-necked variety. The flesh is very thick and solid. Finely grained, dry and sweet, having much the same taste as the sweet potato. Ripens early, is of medium size, a splendid keeper and very productive. **¼ lb. 90c.; oz. 30c.; pkt. 10c.**

CALHOUN—This is probably the best of the Pumpkins for a garden crop. It produces a very liberal supply of fruits, medium in size, deep in shape, with an extremely hard shell and light brown skin. The flesh is bright yellow, very fine grained and of exceptionally good quality. **¼ lb. 90c.; oz. 30c.; pkt. 10c.**

SMALL SWEET or SUGAR—This is the small, sweet Pumpkin that has made the New England States famous for their pumpkin pies. It is a very fine grained, most deliciously sweet-flavored sort. Splendid keeper. They average about 10 inches in diameter. Deep orange-yellow color. **¼ lb. 75c.; oz. 25c.; pkt. 10c.**

LARGE SWEET CHEESE (Kentucky Field)—Very productive. Shape flat; skin mottled light green and yellow, changing to a rich crimson color; flesh yellow, thick, and tender. **¼ lb. 75c.; oz. 25c.; pkt. 10c.**

KING OF THE MAMMOTHS—This is the very best genuine strain of the true Mammoth Pumpkin. Fruits grow to enormous size, sometimes reaching two feet or more in diameter, and from one hundred to two hundred pounds in weight. Salmon-orange skin; very thick, bright yellow flesh, which is fine grained, tender, and of excellent quality for pies. **¼ lb. \$1.25; oz. 40c.; pkt. 10c.**

CONNECTICUT FIELD—The common Yellow Field Pumpkin, so very largely cultivated for stock feeding, and used some for canning; very productive. **Lb. \$2.25; ¼ lb. 75c.; oz. 25c.; pkt. 10c.**



PUMPKIN "WINTER LUXURY."

PEAS

Fr. POIS

corn or beans. The late tall sorts may be planted in double rows and brush stuck in between for support. All Garden Peas, however, require good, strong and fertile land. Heavy yields cannot be obtained on poor soil. The very dwarf sorts of the American Wonder type require the very richest garden land, and may be planted in rows a foot apart. By mail, add 5c. to $\frac{1}{4}$ -lb. prices.

One pound will plant about fifty feet of drill.

EARLY VARIETIES

LITTLE MARVEL

A new extra early dwarf growing Pea of superb flavor, and great productiveness. The vines average about 15 inches in height—pods are dark green, blunt or square at the bottom, and about $2\frac{1}{2}$ inches in length—containing six or seven large dark green Peas, and are produced in greater abundance than any other dwarf variety. A grand acquisition. $\frac{1}{4}$ lb. 15c.; lb. 40c. (post paid, lb. 50c.).

EARLY GRADUS

(Also called Prosperity)—(See cut).

This splendid variety combines the finest quality with extreme earliness, and is also very productive. Grows vigorous and healthy; vines about 3 feet in height, bearing pods fully as large as Telephone, and which are well filled with beautiful light green Peas, which color they retain after being cooked. The quality and flavor are delicious, and a valuable feature with the "Gradus" is that the Peas remain tender and sweet for a long time after having been picked from the vines. Lb. 40c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 50c.).

THOS. LAXTON—This is a real rival to the famous Gradus—as a long-podded extreme-early wrinkled pea and in some respects is even better. The growth is identical, but the pods are a deeper, richer green and square at the end. Four days later than Gradus. Height 3 ft. Lb. 40c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 50c.).

AMERICAN WONDER—A very fine extra early wrinkled variety, well suited for the private garden. It is productive, very sweet, and one of the earliest dwarf wrinkled Peas; height 1 foot. Lb. 35c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 45c.).

NOTT'S EXCELSIOR—An improvement on American Wonder, being fully as early and pods are larger, measuring nearly three inches. Desirable for market and home use; height 14 inches. Lb. 35c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 45c.).

LAXTONIAN PEA

EXTRA-EARLY BLUE BANTAM

A splendid variety of extreme earliness, superb quality, and great productiveness. The vines average fifteen inches in height, are very vigorous, and carry an enormous crop of large, deep bluish-green pods. Pods measure about four and one-half inches long, and are tightly packed with eight to ten large, deep bluish-green peas of most luscious flavor. As early as American Wonder. Lb. 50c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 60c.).

SUTTON'S EXCELSIOR

A fine wrinkled Pea quite hardy and may be planted with the hard-seeded varieties. The plants are dwarf (about 15 inches high), of vigorous growth and very productive. The quality is all that could be desired. Sutton's Excelsior produces larger and broader pods than most early varieties and it matures within a few days of Nott's Excelsior. It is a desirable variety for home and market use. Lb. 40c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 50c.).

"GRADUS" PEA

PEAS—Continued

ALASKA—Height, 2 feet. A wonderfully early, smooth, blue Pea; vines slender; pods about 3 inches long, well filled with small, smooth, blue-green Peas. The earliness and uniformity in ripening render it a desirable market and canning Pea. Lb. 30c.; $\frac{1}{4}$ lb. 10c. (post paid, lb. 40c.).

PREMIUM GEM—Improved Strain of McLean's Little Gem—Of dwarf growth, maturing early. The vines grow from twelve to fifteen inches in height, and are very productive; pods two and a half to three inches long, round, and well filled with peas of delicious flavor. Lb. 35c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 45c.).

EXTRA EARLY STAR—Round, smooth, white variety. $2\frac{1}{2}$ ft. Per $\frac{1}{4}$ lb. 10c.; lb. 30c. (post paid, lb. 40c.).

Second-Early and Main-Crop Peas LAXTONIAN

A new dwarf Pea introduced by the English growers of Thomas Laxton and Gradus, resembling the latter in size and shape of pod; in fact, it is a dwarf Gradus. It is a well-known fact that for quality and flavor Thomas Laxton and Gradus were in a class by themselves until the introduction of Laxtonian. The vines are about sixteen inches high, and when in bearing are filled with immense dark green pods containing eight to nine large peas. It is but a few days later than the early sorts, but is classed as a second early. It is so productive, the pods so large and well filled, the quality so good, it is deserving of a place in every home garden. $\frac{1}{4}$ lb. 15c.; lb. 45c. (post paid, lb. 55c.).

IMPROVED STRATAGEM—The vines are strong, vigorous and covered with immense pods, many of which measure nearly $5\frac{1}{2}$ inches in length and containing as high as ten large, richly flavored wrinkled Peas. The quality is excellent. Lb. 40c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 50c.).

HORSFORD'S MARKET GARDEN—Height, 2 feet. A grand wrinkled Pea, noted for its uniform growth and prodigious yield. The pods, though of medium size, are packed with Peas of sweet flavor. Lb. 30c.; $\frac{1}{4}$ lb. 10c. (post paid, lb. 40c.).

CARTER'S DAISY or DWARF TELEPHONE—The Daisy is a second early Pea of robust habit; the vines grow about two feet in height, bearing an abundance of well-filled pods containing seven to nine large and deliciously flavored peas. It is one of the finest early green wrinkled Marrow Peas in cultivation. Sturdy and branching in habit, requiring no stakes, coming early and remaining late in profitable productiveness, giving green peas of considerable size and of best quality, it is one in the very front rank. Lb. 40c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 50c.).

IMPROVED TELEPHONE

THE STANDARD LARGE PODDED LATE PEA DELICIOUS QUALITY ENORMOUS PODS

One of the oldest varieties grown. It has been on the market for nearly forty years and is better to-day than ever before. The plant is about five feet high and bears a heavy crop of enormous pods, well filled with large Peas of delicious quality, rich in flavor, tender in quality and most attractive in appearance. The vines, while tall, are not heavy and require but little support. $\frac{1}{4}$ lb. 15c.; lb. 35c. (post paid, lb. 45c.).

"QUITE CONTENT"

It continues to hold for itself a position as the finest Exhibition Pea ever seen. Largest podded of any. Season same as "Telephone." This variety has created a sensation by its vigor and size, being by all odds the largest Pea in existence. The pods, which are usually produced in pairs, being from five and a half to six inches in length and each pod contains from nine to eleven large Peas of fine quality. Lb. 70c.; $\frac{1}{2}$ lb. 40c.; $\frac{1}{4}$ lb. 25c.; pkt. 15c. (post paid, lb. 80c.).

ADMIRAL DEWEY—A fine main crop variety. Very productive; bearing enormous pods of large sugar Peas. Vines about three and one-half feet. Lb. 40c.; $\frac{1}{4}$ lb. 15c. (post paid, lb. 50c.).

YORKSHIRE HERO—A very fine large dwarf wrinkled variety of extra fine quality and very productive. Vines $2\frac{1}{2}$ ft. high. $\frac{1}{4}$ lb. 10c.; lb. 30c. (post paid, lb. 40c.).

CHAMPION OF ENGLAND—One of the richest and best-flavored green wrinkled peas. Five feet in height. $\frac{1}{4}$ lb. 10c.; lb. 30c. (post paid, lb. 40c.).

Peas---Marrowfats and Edible-Podded Varieties

"White Marrowfat" and "Black-Eyed Marrowfat" are very old sorts, strong-growing and immensely productive, but of poor flavor, having vines four to five feet in height and producing a large crop of pods. Compared with choice garden peas, they are very low grade.

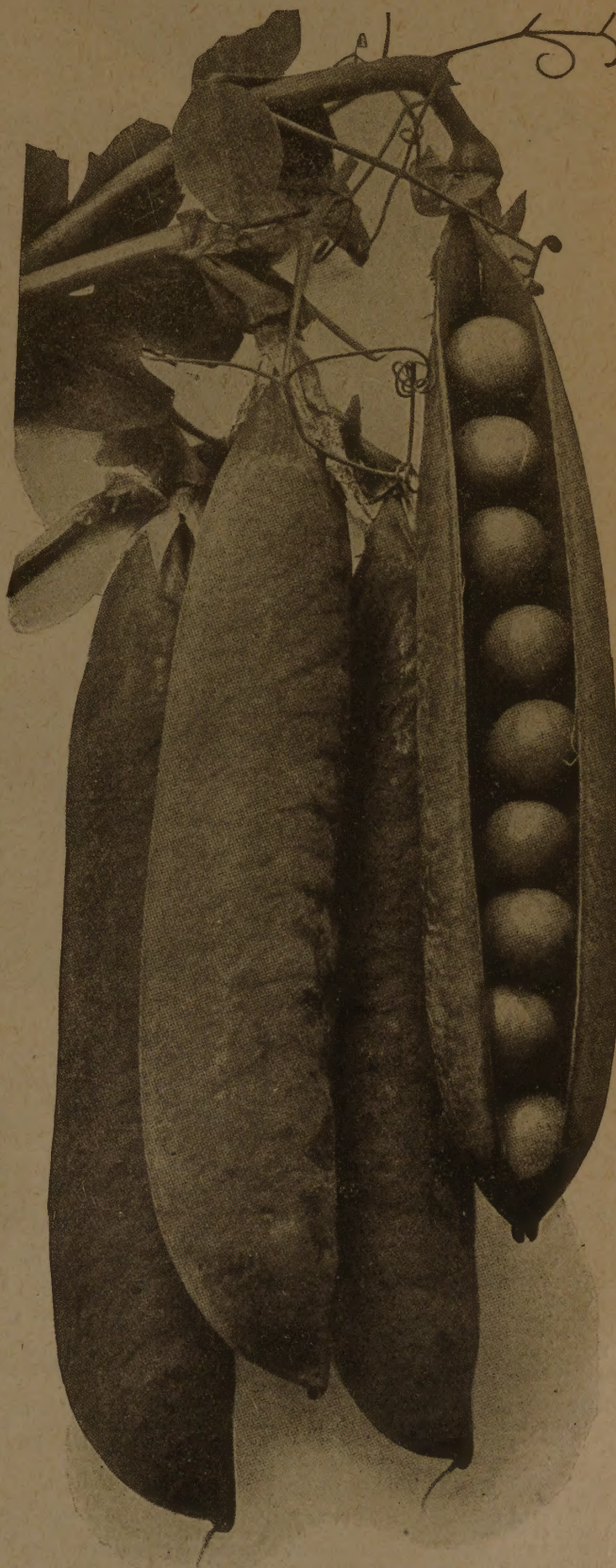
In the "Edible-Podded" or "Sugar Peas," the pods are gathered, broken, and cooked like stringbeans when the peas start to develop in the pod or have reached about half their full size.

WHITE MARROWFAT—Lb. 15c. (post paid, lb. 25c.).

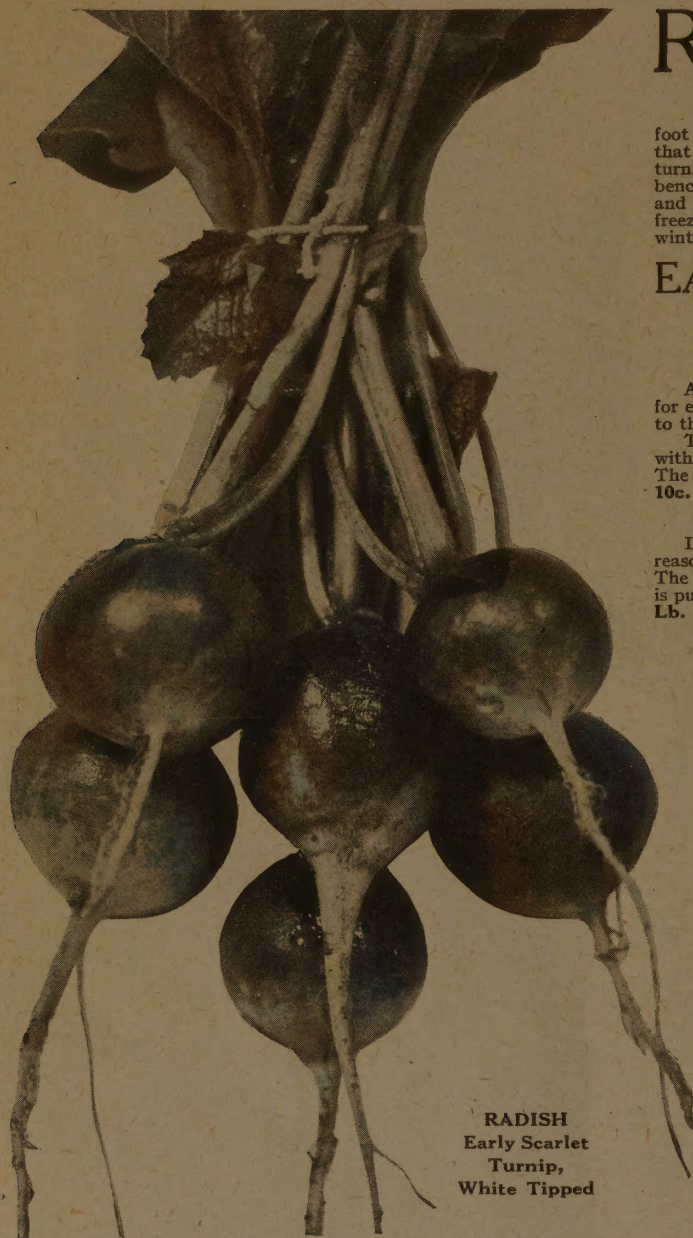
BLACK-EYED MARROWFAT—Lb. 15c. (post paid, lb. 25c.).

DWARF SUGAR—2 ft. $\frac{1}{4}$ lb. 20c.; lb. 65c. (post paid, lb. 75c.).

TALL SUGAR—5 ft. $\frac{1}{4}$ lb. 20c.; lb. 65c. (post paid, lb. 75c.).



IMPROVED TELEPHONE PEA.



RADISH
Early Scarlet
Turnip,
White Tipped

WINTER VARIETIES RADISH

ROSE OR SCARLET CHINA WINTER—Roots cylindrical, or largest at the bottom, tapering abruptly to a small tap. Skin very smooth and of a bright rose color; flesh firm, crisp and pungent. May be sown thicker than most other winter varieties. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

CALIFORNIA MAMMOTH WHITE OR RUSSIAN—Pure white, about one foot long and two or three inches through, tapering regularly to tip. The flesh is tender and crisp, keeping well through the winter. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

LONG BLACK SPANISH—One of the largest, latest, as well as the hardest of radishes. Roots of medium size, oblong, black, and white flesh is of firm texture. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

ROUND BLACK SPANISH—Roots round, sometimes top-shaped, three or four inches in diameter; skin black, flesh white. Fine for winter use as the roots keep a long time. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

RHUBARB—Fr. RHUBARBE

To grow from seed sow in drills ten inches apart and one inch deep. Thin plants to six inches apart. In the fall prepare the permanent bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Into this set the plants about five feet apart each way. The stalks should not be cut until the second year. One ounce should give about 500 plants.

VICTORIA—Bright red stalks. The finest cooking variety. Oz. 35c.; pkt. 10c.

RHUBARB ROOTS—25c. each, \$2.50 per dozen.

RADISH

Fr. RADIS

One ounce of seed will sow 100 feet of drill.

CULTURE—Sow early and often. In good, warm, fibrous loam, especially if quite sandy, summer Radishes will make a crop in 4 to 6 weeks from sowing. The soil should be well prepared and fertilizers may be used freely. Have the rows a foot apart, and sow just seed enough so that they will not require thinning. Any little spot that becomes available during summer may be utilized for planting Radishes. The short or turnip-rooted sorts are quickest and easiest to grow, and good for forcing also. On greenhouse bench or frames the rows need not be more than 4 inches apart. Sow winter Radishes in July and August. They grow best in the cooler Autumn weather. Take them up before severe freezing, and store in sand in the cellar or in a pit, where they will keep tender and crisp all winter.

EARLY ROUND AND TURNIP-SHAPED VARIETIES

CRIMSON GIANT FORCING TURNIP

A fine bright-red radish, growing quickly to large size. It is especially fine for bunching for early market from plantings in the open ground, being ready to market in from twenty-five to thirty days from the time the seed is planted.

This radish is a deep globe in form; two inches in depth; one and one-half inches in diameter, with thin, tender skin of a deep crimson. The flesh is purest white, crisp and of mild flavor. The roots are entirely free from the hollow centre or pithy fibre. ¼ lb. 65c.; oz. 20c.; pkt. 10c.

EARLY SCARLET TURNIP, WHITE TIPPED

It is a most satisfactory sort in every respect, and unsurpassed as a table Radish, where by reason of the strong contrasting colors of the root, it makes a most attractive appearance. The roots are round, of medium size, brilliant scarlet in color, except at the under side, which is pure white. The flesh is crisp, white and tender; and when properly grown extremely mild. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

EARLIEST SCARLET TURNIP: WHITE TIPPED or "ROSY GEM"—One of the most popular and attractive short varieties. It is globe shaped, bright rose-carmine with bottom and tip clear white. Stems and leaves small. Very valuable for forcing as well as for the garden and market. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

COOPER'S SPARKLER—A new variety of an entirely distinct type. In shape it is globular. The top is very short, thus making it adaptable for forcing, although it is equally good for outside. The color is a rosy carmine, with a long white tip. ¼ lb. 65c.; oz. 20c.; pkt. 10c.

EARLY SCARLET TURNIP—A valuable variety for forcing or outdoor culture. Is a small, turnip-shaped variety, and in color entirely crimson. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

FRENCH BREAKFAST—A very early variety. Oblong shape, mild and tender. The skin is a lively pink in color on the upper portion, but lower part is pure white. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

NON PLUS ULTRA or "FIRE BALL"—Especially adapted for forcing on account of its very small tap-root and top. It is also good for summer use in open ground. Skin dark red; flesh white, crisp and tender. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

SCARLET GLOBE—This splendid globe Radish is the finest early strain of the round, bright red Radishes. Nothing can surpass its table excellence or its beauty. The skin is a bright scarlet; flesh pure white, crisp, tender and of delicious quality. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

EXTRA EARLY WHITE TURNIP—Perfect turnip-shape, extra fine quality, remaining solid and juicy for a long time. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

WHITE OLIVE-SHAPED—Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

GOLDEN OLIVE-SHAPED—Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

SCARLET OLIVE-SHAPED—Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

LONG SUMMER VARIETIES RADISH

WHITE ICICLE—The finest and longest of the very early pure white varieties. Planted in Spring the radishes are ready for use in about four weeks. Their long slender form and pure paper-white skin are most attractive. This radish is not only crisp and tender when young but retains these qualities until the roots attain large size so that it will remain in fine condition longer than any other first-class variety. It is excellently adapted for forcing purposes, or successive sowings in the open ground. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

WHITE STRASBURG—Roots are four to five inches long and about two inches in diameter. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

WOOD'S EARLY FRAME—An extra early forcing strain of the long scarlet. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

CHARTIER—Pale scarlet. A long smooth variety of clear rose color, with pure waxy white tips, grows very rapidly and attains a large size. Very early long smooth root, and of mild flavor. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

LONG SCARLET IMPROVED—A standard and excellent sort either for private gardens or the market. About six inches long. Lb. \$2.20; ¼ lb. 65c.; oz. 20c.; pkt. 10c.

EVERYTHING FOR FARM AND GARDEN

SQUASH

—Fr. COURGE

CULTURE—All Squashes do best in warm and very rich soil. Plant in well-manured hills, same as melons or cucumbers, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects. When danger of such losses is past, thin to 2 or 4 plants to the hill. To repel the squash vine borer, throw a handful of tobacco dust close around the plants. The large, strong-smelling black squash bug can be kept in check by hand-picking, going over the vines at frequent intervals. For yellow-striped beetle and blight, spray early and repeatedly with Bordeaux Arsenate of Lead Mixture. Winter Squashes may also be grown in cornfields in same manner as it is customary in many places to grow pumpkins. One ounce of seed for 25 hills.



AUTUMN AND WINTER SORTS

DELICIOUS—In size it resembles the Hubbard. In thickness of flesh it surpasses nearly every variety. The color is dark bronze green. For table use no other variety compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness, and exceeding richness of flavor. It is best in the fall and early winter. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

IMPROVED HUBBARD—The standard Winter Squash, more generally cultivated as a late sort than any other. Flesh fine-grained, dry and of excellent flavor. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

WARTED HUBBARD—This is similar in size and quality to the well-known "Hubbard," while the large, dark, olive-green fruits are more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

RED or GOLDEN HUBBARD—Similar to the old Hubbard, excepting the skin is of a rich orange-red and heavily warted; flesh of extra fine quality. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

"EARLY PROLIFIC" or "ORANGE MARROW"—The earliest of the Fall varieties. Is medium in size and very prolific. Skin a bright orange-red, flesh yellow, finely grained, thick, dry and sweet. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

BOSTON MARROW—A popular second-early Squash for autumn use; skin thin, reddish-yellow; flesh dry, fine grained and delicious. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

FORDHOOK—A very fine winter variety. Shell a bright yellow; flesh straw-yellow, dry and sweet, and of good flavor. Matures early, a sure cropper and very productive. May be used at any stage of growth. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

MAMMOTH CHILI—Attains an enormous size, often reaching a weight of 75 pounds, and not infrequently weighs 100 pounds. Despite its size, its flesh is rich and fine flavored. It is especially desirable for stock feeding and exhibition purposes. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

ESSEX HYBRID—A grand winter variety of delicious flavor and a splendid keeper. Turban-shaped. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

SUMMER SQUASHES

GIANT SUMMER CROOKNECK—The richest and best of the Summer Squashes. Early and productive. Color golden yellow; flavor sweet and rich. It is almost twice as large as the ordinary Summer Crookneck. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

MAMMOTH WHITE BUSH SCALLOP (SILVER CUSTARD)—The best of the scalloped Squashes. Plant true bush form. Fruit oval to flat. Early and valuable for market or table. Handsome and of fine quality. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

YELLOW BUSH SCALLOP—Similar in shape to the White Bush variety, but skin is a rich golden-yellow and flesh pale yellow. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

VEGETABLE MARROWS

LONG WHITE BUSH MARROW—Is an improvement on the Trailing Vegetable Marrow. Fruit is large and handsome, and the plants are of bush form, so can be planted from 3 to 4 ft. apart. Flesh is creamy white and of excellent quality. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

COCOZELLE BUSH (Italian Marrow)—Of compact bush growth with dark-green foliage; the fruits are oblong, twelve inches or more in length, and four to five inches in diameter. Skin dark green with stripes of a still deeper shade. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

ENGLISH VEGETABLE MARROW (TRAILING)—A favorite early variety. Skin greenish yellow. Fruit long, flesh white and of rich flavor. Plant in hills, 8 ft. apart. $\frac{1}{4}$ lb. 90c.; oz. 30c.; pkt. 10c.

SPINACH —Fr. EPINARD

One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.

CULTURE—Spinach is an important market gardener's crop of easy culture. For spring and summer use sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich. The stronger the ground the more delicate and succulent will be the leaves. The New Zealand Spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in spring to give greens during the heat of summer. Light applications of nitrate of soda have often a magic effect on Spinach.

VICTORIA—Very heavy, broad, deep green, crumpled leaves; of fine, succulent quality; it stands in prime condition long after other varieties have bolted to seed, rendering it especially valuable for spring sowing and summer use. Lb. \$1.75; ¼ lb. 60c.; oz. 20c.; pkt. 10c.

LONG-STANDING—An excellent compact variety; thick, fleshy, dark green leaves; grows slowly but remains a long time fit to use before going to seed. Lb. \$1.75; ¼ lb. 60c.; oz. 20c.; pkt. 10c.

VIROFLAY—Large, round, thick and fleshy leaves. Good for early sowing. Quite hardy. One of the best for fall sowing. Lb. \$1.75; ¼ lb. 60c.; oz. 20c.; pkt. 10c.

BLOOMSDALE or SAVOY-LEAVED (NORFOLK)—The earliest of all varieties, and one of the best to plant in autumn for early spring use. The leaf of this sort is wrinkled in the same manner as the Savoy Cabbage. Lb. \$1.75; ¼ lb. 60c.; oz. 20c.; pkt. 10c.

PRICKLY or FALL—A hardy variety, used for fall sowing for early spring crop. With very slight protection it will withstand the severest weather. Lb. \$1.75; ¼ lb. 60c.; oz. 20c.; pkt. 10c.

NEW ZEALAND—This variety grows two or three feet in bush form. The leaves and stems are succulent and tender. The abundant fresh, tender foliage may be picked frequently during the summer. A new supply will quickly develop. It succeeds in almost any soil. The seed should be soaked in warm water a few hours before planting. ¼ lb. \$1.20; oz. 40c.; pkt. 10c.

SCORZONERA or BLACK OYSTER PLANT

Analysis shows this root to be the most nutritious vegetable grown; although the skin is black the flesh is white, and properly cooked is most delicious. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

SORREL

BROAD-LEAVED FRENCH—The best of the Garden Sorrels; large, pale green leaves of mild, acid flavor, esteemed as salad, cooked as "greens," etc. ½ Oz. 25c.; pkt. 10c.



TURNIP "PURPLE TOP WHITE GLOBE."

SEA KALE

The blanched leaf stalks are eaten boiled as Asparagus, having a fine, agreeable flavor. From seed they will be fit to cut the third year, continuing to bear for 8 or 10 years. The roots may be forced in a warm cellar for a winter supply. Oz. 60c.; pkt. 10c.

SALSIFY or OYSTER PLANT—Fr. SALSIFIS

The salsify root, which grows about 12 inches long and one inch in diameter, is becoming a very popular vegetable. When cooked, it has a distinct flavor of the oyster, and may be served in a great variety of ways. A loose, light soil, especially sandy loam, is desirable for a long, smooth root. In stiff soils the roots are usually uneven and hard to dig. Use one ounce for 100 feet of row, and thin to two inches to prevent crowding. Plant in 12-inch to 15-inch rows.

MAMMOTH SANDWICH ISLAND—The improved, large-rooted variety, growing about 12 inches long and being from 1 to 2 inches thick. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

LONG WHITE FRENCH—¼ lb. \$1.75; oz. 60c.; pkt. 10c.

TURNIP—Fr. NAVET

One ounce will sow 150 feet of drill.

CULTURE—For early, sow seed of flat varieties in open ground in spring, in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the corn-fields at last cultivation.

EXTRA EARLY PURPLE-TOP MILAN—A white variety, purple-top and strap-leaf. This and the White Milan are the earliest of all Turnips; it remains in good condition a long time. ¼ lb. \$1.20; oz. 40c.; pkt. 10c.

EXTRA EARLY WHITE MILAN—Similar to above except it is pure ivory white in color, and about one week earlier. ¼ lb. \$1.20; oz. 40c.; pkt. 10c.

PURPLE-TOP WHITE GLOBE (See cut)—Globular shape, handsome and of superior quality either for the table or for stock. Is a heavy producer, early, and a good keeper. The flesh is white and skin white, with purple at portion which grows above the ground. It is in best condition for table use when roots are about three inches in diameter. One of the best varieties, and very largely grown for market. Lb. \$2.50; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

EARLY WHITE SNOWBALL—A perfectly globe-shaped, white-skinned Turnip of medium size and excellent flavor. For early sowing this is one of the best, being crisp and tender, and maturing in six weeks from the time of sowing. A good keeper. Fine for family or market. Lb. \$2.50; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

SUPERB WHITE MODEL—A white variety of beautiful shape, perfectly globular in form and very smooth. Remarkable for its form, earliness and fine quality. Is of medium size and a splendid cropper. Lb. \$3.00; ¼ lb. 90c.; oz. 30c.; pkt. 10c.

GOLDEN BALL or ORANGE JELLY—This is the most distinct yellow Turnip ever offered. It is of very fine texture, and the best, sweetest and most delicious of the yellow-fleshed varieties. It is of medium size, with small tap-root, a rapid grower, matures early and keeps well. A superior table variety. Lb. \$2.50; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

YELLOW GLOBE (Amber Globe)—One of the best for a general crop. It produces a globe-shaped root, with smooth skin and light-yellow flesh, which is firm and sweet. It grows to a large size, excellent for table use or feeding stock, and keeps well. Lb. \$2.50; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

EARLY WHITE FLAT DUTCH (Strap Leaf)—This is an early white-fleshed variety, of quick growth, mild flavor. Lb. \$2.50; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

RED or PURPLE-TOP STRAP-LEAVED—Flat, medium size, purple above the ground, white below. The most popular variety for early use, either for table or stock. Lb. \$2.50; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

SWEET RUSSIAN SWEDE—Medium-sized white-fleshed variety of fine flavor, and solid. Lb. \$2.50; ¼ lb. 75c.; oz. 25c.; pkt. 10c.

For other varieties, see pages 32 and 33



MAMMOTH SANDWICH ISLAND SALSIFY

TOMATO

Fr. TOMATE.

One ounce will produce about 1,500 plants.

CULTURE—For very early fruit, the seed should be sown in a hot-bed about the first week in March, in drills five inches apart and one-half inch deep. Later sowings may be made until the last of April. (Sufficient plants for a small garden can be started by sowing a few seeds in a shallow box or flower pot and placing in a sunny window in the house). When the young plants are 3 to 4 inches high, they should be set 4 or 5 inches apart in another hotbed or cold-frame, or transplanted into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden them for transplanting into the open ground and shelter from the sun a few days until the plants are thoroughly established. Cultivate thoroughly as long as the vines will permit, but the last two or three workings of the soil should be very shallow or the crop may be badly injured.

Tomatoes grow splendidly trained to stakes or trellises, and the fruit is much improved, not only in appearance, but in quality. Especially is this desirable where neatness and at the same time economy of space in the home garden is desired. The usual method is to set one strong plant to a stake 5 to 7 feet high, tying the plant up with twine or other strong, soft twine, and pruning quite freely as the vine advances in growth. By this method plants may be set much closer than in the ordinary way.

SPARK'S SELECT EARLIANA

The earliest smooth, bright-red Tomato of good size.

It is the earliest large, smooth, heavy yielding red tomato. Not only is it desirable on account of its earliness and large size, but on account of its handsome shape and bright red color. Its solidity and fine quality are equal to the best medium and late sorts. Plants are very compact with stout, jointed branches, and yet the vines yield enormously. $\frac{1}{4}$ lb. \$1.75; oz. 60c.; pkt. 10c.

CHALK'S EARLY JEWEL

The largest, smoothest and finest flavored extra-early bright red Tomato. Within a week to ten days as early as "Sparks' Earliana," it is even a heavier cropper, with tomatoes of larger size and sweeter flavor,—produced continuously throughout the season. The plants are of strong robust growth, with ample foliage to protect the fruits from sunscald, and not liable to blight. $\frac{1}{4}$ lb. \$1.75; oz. 60c.; pkt. 10c.

BONNY BEST

Best Red for Greenhouses.

One of the finest bright red sorts for growing in greenhouses, and a good one to follow Earliana in the open field. It has been highly recommended by U. S. Dept. of Agriculture as well as big growers and shippers throughout the country. Bonny Best is a favorite Tomato of medium size. They are of bright scarlet color, always smooth and of remarkably uniform size and shape. A splendid sort for market and shipping. $\frac{1}{4}$ lb. \$1.75; oz. 60c.; pkt. 10c.

JUNE PINK—Is similar in habit and shape to the famous Earliana. Fruit of medium size, uniform, smooth and attractive. In color it is a bright, pleasing pink. $\frac{1}{4}$ lb. \$1.75; oz. 60c.; pkt. 10c.

ALACRITY

The earliest of all red Tomatoes

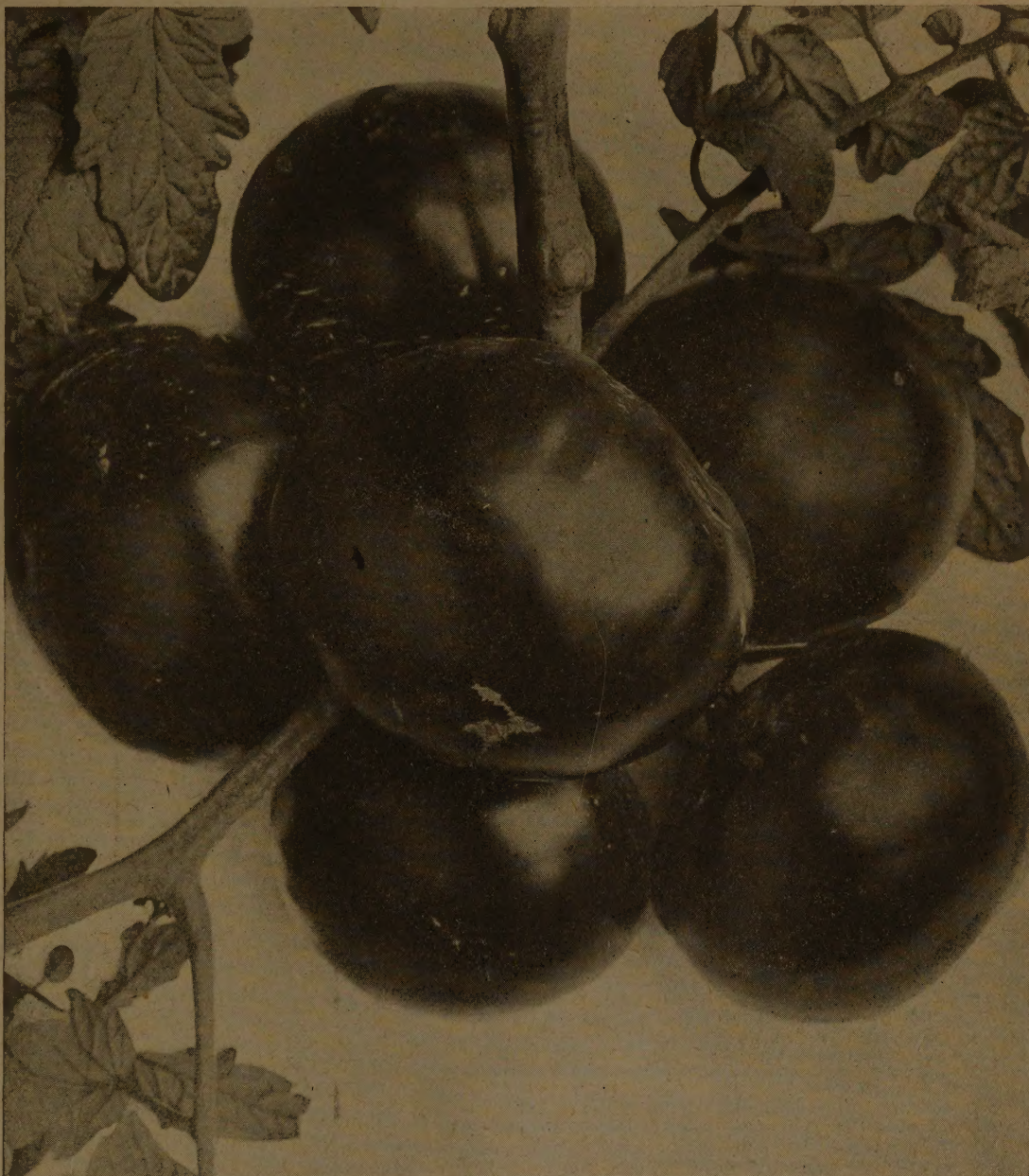
Alacrity produces a close, compact vine, set freely with fine smooth tomatoes, which are usually ready to market ten days earlier than any other strain. The entire crop can be gathered generally in about three weeks from the time the first fruit ripens. $\frac{1}{4}$ lb. \$1.75; oz. 60c.; pkt. 10c.

LIVINGSTON'S GLOBE

The Finest Early Purple Tomato

LIVINGSTON'S GLOBE is an extra good all-round sort, of a distinct globe shape, with quite a large percentage of elongated fruits, on account of its shape, one that permits of a great number of slices to be made from each fruit. We class it with the first earlies, both in greenhouses as well as in the field. The fruits are of large size, and a good marketable size is retained throughout the season. It is always smooth, of firm flesh, and few seeds; ripens evenly; color, a fine glossy rose, tinged with purple, and without the slightest tinge of yellow at any stage of ripening. It is an exceedingly productive variety. In quality there is nothing more to be desired, being mild, pleasant and of delicious flavor. There is no better variety for greenhouse growing or for early growing on stakes or trellises. Its blight-proof qualities are remarkable. $\frac{1}{4}$ lb. \$2.50; oz. 75c.; pkt. 10c.

DWARF STONE—The largest dwarf variety. The fruit resembles Improved Stone; equally as good in quality. It ripens evenly and has an excellent flavor. Plants require less space than other varieties and are very productive. $\frac{1}{4}$ lb. \$1.75; oz. 60c.; pkt. 10c.



SPARK'S SELECT EARLIANA TOMATO

MATCHLESS

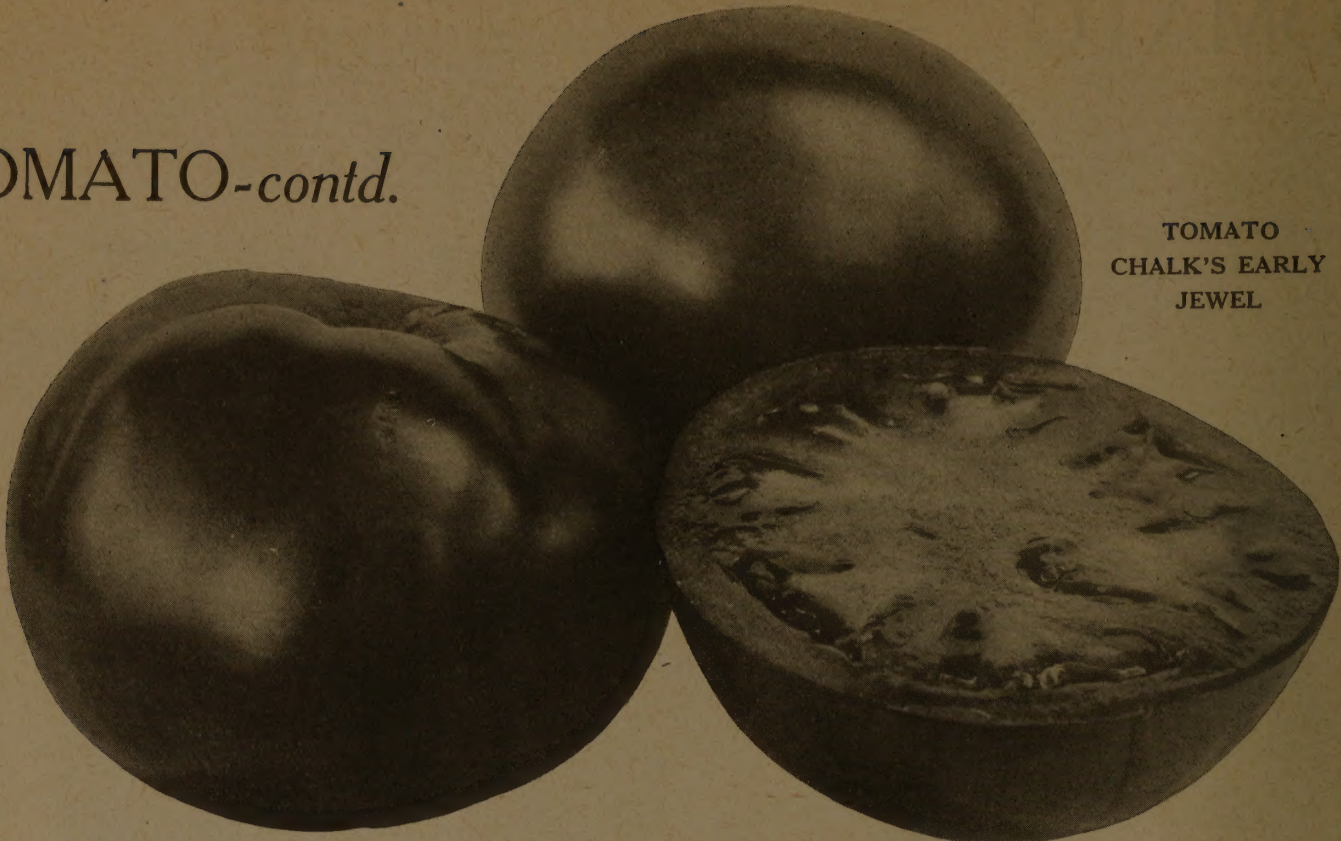
The Matchless is worthy of its name. In beauty of coloring and symmetry of form, it is indeed without a peer. The vines are of a strong, vigorous growth, well set with fruit; the foliage is very rich, dark green in color. They are entirely free from core, of a rich cardinal red color, and are not liable to crack from wet weather. The fruits are of the largest size, which size is maintained throughout the season, the healthy growth of foliage continuing until killed by frost. $\frac{1}{4}$ lb. \$1.75; oz. 60c.; pkt. 10c.

PONDEROSA

This is the largest-fruited Tomato and is of fine quality for slicing. The vines are strong; fruits largely oblong in form, deep through, and generally ridged or ribbed; deep purple in color. Solidly fleshy with small seed cells; of fine sweet flavor. Planted in good soil, pruned to a single stem, fruits frequently attain a weight of one pound or more. $\frac{1}{4}$ lb. \$2.50; oz. 75c.; pkt. 10c.

ATLANTIC PRIZE—Bright red. Extra early. $\frac{1}{4}$ lb. \$1.75; oz. 60c.; pkt. 10c;

TOMATO-contd.



TOMATO
CHALK'S EARLY
JEWEL

SUTTON'S WINTER BEAUTY (Forcing)

The Committee of the R. H. S. were so favorably impressed with the high value of this Tomato that an Award of Merit was made for it, principally on the ground of its exceptional utility as a winter-fruited variety. The plant possesses a strong constitution, and bears with great freedom. Fruits of good size, fairly smooth, deep in color, and of superb quality. Pkt. 25c.

COMET (Forcing)—An excellent variety for forcing. Fruits medium size, color rich scarlet, of good quality and produced in clusters. Pkt. 15c.

NEW STONE—The Best Main Crop Red Tomato. Color bright scarlet; very smooth, ripening even to the stem without a crack; exceedingly solid and firm fleshed; very large and very productive; an excellent shipper; quality the very best; not subject to rot; its appearance on market remarkably attractive; a heavy variety. It is the standard main crop Tomato for market gardeners and truckers, and superior for canning. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

ROYAL RED—A fine, large, deep red, smooth variety. Fruit very attractive and quality unsurpassed. Very productive. Excellent for eating either fresh or cooked. Splendid for catsup and canning. One of the best for the home garden. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

CORELESS—Immensely productive; almost round. The strong outside and inner wall of flesh of the Coreless render it a very firm fruit and one of the best for long-distance hauling or shipping. Color bright red. Vines are very vigorous and hardy. ¼ lb. \$2.50; oz. 75c.; pkt. 10c.

FAVORITE—Large size, ripens evenly and early; very prolific, good flavor. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

RED ROCK—Wonderfully fine main crop variety, average weight 9 ounces, often borne in clusters of four or five. No tomato is superior in texture or flavor. An extraordinarily heavy producer and excellent shipper and canner. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

ACME—A good Tomato for family use; ripens evenly; of medium uniform size, round, very solid, of a pinkish color. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

BEAUTY—Rich, glossy crimson, with a slight purple tinge; large size, very smooth and solid. Vines make good strong growth and are very productive; fruits begin ripening about mid-season. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

GOLDEN QUEEN (QUEEN OF THE YELLOWS)—Solid, smooth, large in size, and ripens early. Makes a handsome, rich preserve. This Tomato should be grown in every home garden; its flavor is better and more delicate than the red varieties, the flesh finer-grained, very tender, and of a handsome yellow color which makes it especially attractive when sliced with the red sorts. Try it. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

PERFECTION—Almost round fruits; smooth, tough skin, color brilliant scarlet; ripens thoroughly; solid and of rich flavor; attractive for market. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

SMALL FRUITED PRESERVING VARIETIES

STRAWBERRY or GROUND CHERRY—(Husk Tomato). Small yellow fruits. Oz. \$1.00; pkt. 10c.

PEAR SHAPED—Of rich distinct flavor. Oz. \$1.00; pkt. 10c.

YELLOW PLUM—Bright lemon-yellow. Plum shaped. 2 inches in length. Oz. \$1.00; pkt. 10c.

RED CHERRY—Oz. \$1.00; pkt. 10c.

TOBACCO

1 oz. for about 1,500 plants.
Oz. \$1.00; pkt. 10c.

COMSTOCK
CANELLE
SMALL RED CANADIAN
PERFUME OF ITALY
PERSIAN ROSE
IMPROVED CONNECTICUT

BLUE PRYOR
LARGE HAVANA
SMALL HAVANA
MARYLAND
WHITE BURLEY
VIRGINIAN

HERBS

Sweet, Pot and Medicinal. Herbs are for the most part Perennial, but it is best to treat them as annuals. Sow in spring in rows and thin out, the distance between plants being regulated by the height of variety, or they can be sown either in a hot-bed or open ground and transplanted. Should be harvested in dry weather and dried in the shade. Herb seeds are mostly very fine, so that care is necessary when sowing.

	Per ¼ lb.	Per oz.	pkt.		Per ¼ lb.	Per oz.	pkt.
ANISE—For seasoning, resembles Fennel.....	50c.	10c.	10c.	HOREHOUND—For medicinal purposes.....	90c.	10c.	10c.
ANGELICA—For seasoning.....	50c.	10c.	10c.	LAVENDER—A popular aromatic herb.....	1.10	10c.	10c.
BALM—Used for making tea.....	50c.	10c.	10c.	ROSEMARY—An aromatic herb.....	90c.	10c.	10c.
BASIL, SWEET.....	50c.	10c.	10c.	SWEET MARJORAM.....	1.10	10c.	10c.
BORAGE—Leaves used in salads.....	90c.	10c.	10c.	SUMMER SAVORY.....	1.10	10c.	10c.
CARAWAY.....	75c.	25c.	10c.	SAGE.....	1.10	10c.	10c.
CATNIP—A favorite medicinal herb.....	75c.	75c.	10c.	SAFFRON.....	50c.	10c.	10c.
CORIANDER—Seeds are used in confectionery.....	75c.	25c.	10c.	SCARIOLE—See Endive.....			
DILL—For flavoring soups and sauces.....	50c.	10c.	10c.	TANSY.....	90c.	10c.	10c.
FENNEL—Fine for garnishing.....	50c.	10c.	10c.	THYME, SUMMER.....	1.10	10c.	10c.
HENBANE—Used as an opiate.....		10c.	10c.	THYME, WINTER—For seasoning.....	1.10	10c.	10c.
HYSSOP—Used for medicinal purposes.....		50c.	10c.	WORMWOOD.....	1.10	10c.	10c.

Ewing's Famous "Quality" Agricultural Seeds

The sowing of the BEST QUALITY of seeds is of the utmost importance, and success with root crops need not be expected unless the land be thoroughly and deeply cultivated and from twenty to thirty loads of stable manure applied the previous fall (or its equivalent in artificial manures) per acre.

When seeds are to be sent by mail, add postage for, $\frac{1}{4}$ lb. 5 cents; $\frac{1}{2}$ lb. 5 cents; 1 lb. 10 cents, and for each added lb. 8 cents per lb.

SUGAR BEET —Fr. BETTERAVE A SUCRE

KLEIN-WANZLEBEN—The most popular variety for sugar factories. The sugar content depends on intelligent care and development on the part of the seed grower. It is wedge-shaped, wide at the top and tapering gradually to a long tail. This variety is most planted by sugar factories as it has a high sugar content. One of the greatest milk-producing roots known. $\frac{1}{4}$ lb. 30c; lb. \$1.00 (post paid, lb. \$1.10.)

GREEN TOP WHITE SUGAR BEET—A large variety extensively grown for feeding stock. $\frac{1}{4}$ lb. 30c.; lb. \$1.00; (post paid, lb. \$1.10.)

RED TOP SUGAR BEET—Somewhat similar to preceding but of richer quality. $\frac{1}{4}$ lb. 30c.; lb. \$1.00 (post paid lb. \$1.10)

EWING'S GIANT INTERMEDIATE SUGAR BEET

Is intermediate in form, not so long as the Long Red Mangel, but of much greater diameter of shoulder which is a rosy color, while below the ground the root is nearly white. Its pre-eminent qualities are **heavy production, solidity**, thus rendering it a **grand keeper; great feeding value** on account of its extra percentage of saccharine matter, occasioned by its origin being the hybridizing of the Long Red Mangel with the richest sugar-producing varieties of Sugar Beets; **ease in harvesting**, as it has but one tap root. To sum up its advantages, it is a much greater cropper than any variety of Sugar Beet, **more nutritive than any Mangel** and on account of its sweet sugary flavor is greedily eaten by all classes of stock, and produces the richest and best flavored Milk and Butter while for Beef production it is particularly profitable. $\frac{1}{4}$ lb. 30c.; lb. \$1.00 (post paid, lb. \$1.10.)

CARROT —Fr. CAROTTE

FIELD VARIETIES

Carrot seed, if sown when the soil is cold, germinates slowly, so that it is best to allow the warm spring weather to have set in before sowing. When sowing be careful to roll the drills, or in some way "firm" the soil round the seed. Four pounds of seed will sow an acre.

EWING'S SELECT STRAINS

Ewing's Giant Intermediate Sugar Beet.

CHAMPION WHITE INTERMEDIATE—The ideal white carrot for stock feeding. It is handsome in shape, smooth, seldom exceeds 15 inches in length, with a broad heavy shoulder, gradually tapering to a point. Color light creamy white; flesh white, extremely solid, sweet and of high nutritive value. Produces an enormous crop of easily harvested roots. This is without doubt the best all round white carrot in existence to-day, and we have in our possession many testimonials to this effect. $\frac{1}{4}$ lb. 45c.; $\frac{1}{2}$ lb. 85c.; 1 lb. \$1.50.

GIANT WHITE BELGIAN—Roots are long and grow about one-third out of the ground. Green above ground and pure white below. Although the flesh is somewhat coarse in texture, the cropping quality of this old standard sort is very great. One of the most extensively grown varieties. In light rich soils the roots grow to a mammoth size. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 65c.; 1 lb. \$1.10.

NEW YELLOW INTERMEDIATE—The root is almost cylindrical, and quite blunt at the end; the flesh and skin a true yellow. It is a splendid Carrot grown on a large scale in some sections for cattle feeding, and is also an excellent kitchen-garden sort, despite its light color. It is extremely productive, sweet, very nutritious, and keeps well during the winter. $\frac{1}{4}$ lb. 45c.; $\frac{1}{2}$ lb. 85c.; 1 lb. \$1.50.

YELLOW BELGIAN—This very hardy and productive variety is highly esteemed in some sections. The root is at least six times as long as broad, pale orange on the underground portion, and quite green above ground, or for about one-fourth of its entire length. It is a good cropper and keeper, and is considered to be very nutritious. $\frac{1}{4}$ lb. 45c.; $\frac{1}{2}$ lb. 85c.; 1 lb. \$1.50.

For other varieties of Carrot, see "Vegetable Seeds."

RAPE —Fr. NAVETTE

BROAD LEAVED ESSEX

Rape is of easy culture, and can be either sown at the rate of 2 pounds per acre, in drills, and cultivated in the same way as Turnips, or may be sown broadcast (but only when the land is clean), at the rate of 5 pounds of seed to the acre. In order to get a full paying result in either case, the land should be well manured. It can be sown any time in June or early in July, so that its advantages as a "catch" crop are apparent. The best way is to feed it off the fields, with sheep or hogs, and there is nothing will fatten lambs in the fall so well and so cheaply as Rape will. Lb. 25c.; in lots of 10 lbs. 22c. per lb.; 25 lbs. 20c. per lb.



THE WILLIAM EWING CO., LIMITED

MANGEL WURZEL—Fr. BETTERAVE A VACHE

5 lbs. will sow an acre. Nothing will maintain the general health of Dairy stock and improve the quality and increase the milk more than a daily feed of Mangel along with proper proportions of Hay, Ensilage, Ground Grain, etc.



EWING'S SELECT STRAINS

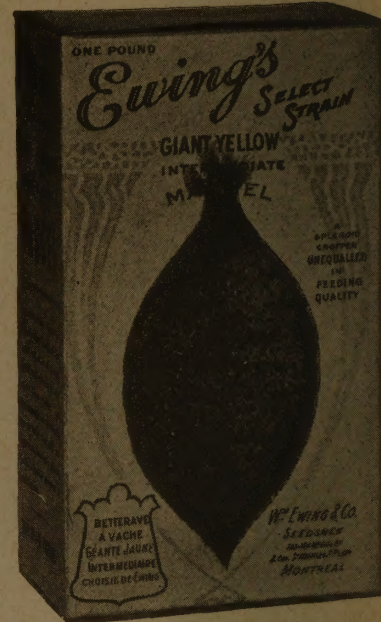
If by Mail, add 5c. on $\frac{1}{4}$ lb. and $\frac{1}{2}$ lb. prices, and 10c. on 1-lb. prices; for each added lb. 8c. per lb.

LONG RED MAMMOTH—The most popular variety for the general crop. The heaviest cropping and largest of all Mangels. Our "Select strain" is grown from selected roots of finest form. We can specially recommend it as the very best of its type. Roots are massive, regular in size, straight, of highest feeding qualities and keep well. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.

GIANT YELLOW INTERMEDIATE—A peerless strain. The admirable tankard shape, combined with the small top allows of the crop being left much closer in the rows than the Globe varieties. An enormous weight can therefore be grown per acre of clean, solid, nutritious roots, beautifully colored, and rich in feeding qualities. A splendid keeper. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.

DANISH SLUDSTRUP—Intermediate, reddish yellow, grows well above the ground, and easy to pull. It has repeatedly been awarded a first-class certificate by the Danish Government and is doubtless one of the best Mangels in the world. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.

GIANT YELLOW GLOBE—The best and highest type of Globe Mangel grown. Produces an extraordinary weight per acre of clean, handsome roots. Of high quality and excellent form. Flesh remarkably fine, and rich in feeding qualities. An excellent keeper. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.



GIANT WHITE HALF SUGAR—A new and quite distinct variety, being a cross between the Mangel Wurzel and the Sugar Beet. It combines the fine rich qualities of the Sugar Beet with the heavy production, size and keeping qualities of the Mangel. The roots are clean and easily harvested. The flesh white, solid and rich in feeding value. A grand acquisition. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.

GOLDEN TANKARD—The richest feeding Mangel in existence. An unrivalled sort for the dairy farmer. Ideal in form generally having one tap root. Roots mature early, are clean and handsome and of medium size. A splendid keeper. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.

NEW RED INTERMEDIATE—This splendid variety is much larger than Giant Yellow Intermediate and not so leafy. Of excellent quality and a heavy crop. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.

RED GLOBE—A large, round, productive variety of excellent quality. Keeps well. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.

LONG YELLOW—Root almost cylindrical, long, thick, growing nearly two-thirds above ground. Skin ocre-yellow below ground, greenish yellow above. Flesh white, firm and sweet. Succeeds in dry, calcareous soils. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.

TURNIPS—Fr. NAVET

YELLOW and WHITE FIELD VARIETIES

2 to 4 pounds will sow an acre. The following varieties do not keep so well as Swedes, but can be sown later and are heavy yielders:—

If by Mail, add 5c. on $\frac{1}{4}$ lb. and $\frac{1}{2}$ lb. prices, and 10c. per lb.; for each added lb. add 8c. per lb.

PURPLE TOP YELLOW ABERDEEN—Root spherical or slightly flattened, yellow tinged with purple above ground; flesh light yellow, quite firm, and of excellent quality. No variety excels it for early winter feeding. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 65c.; 1 lb. \$1.20.

GREEN TOP YELLOW ABERDEEN—Similar to the preceding with one exception, this variety being green above ground. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 65c.; 1 lb. \$1.20.

IMPROVED PURPLE TOP MAMMOTH—Handsome large white bulb with purple top; flesh very solid and nutritious. The heaviest cropping White Turnip and valuable for early winter feeding. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 65c.; 1 lb. \$1.20.

SELECT WHITE GLOBE—Root of regular spherical shape; skin very smooth and entirely white; flesh white, firm, close-grained and of good quality. This variety is of very quick growth and is of great value for late sowing. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 65c.; 1 lb. \$1.20.

WHITE FLAT NORFOLK—Root spherical with flattened top; pure white, about 7 inches in diameter and 4 to 5 inches deep when full grown; flesh white, tender and somewhat watery. An enormous cropper and one of the most generally grown varieties for early winter feed. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 65c.; 1 lb. \$1.20.

DEVONSHIRE GREYSTONE—A splendid sort for late sowing. Pure white root with a purple top. Great cropper and of most excellent quality. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 65c.; 1 lb. \$1.20.

For other varieties, see "Vegetable Seeds."

See our Implement Section for complete list of "Planet Jr." and "Iron Age" Seeders and Cultivators

EVERYTHING FOR FARM AND GARDEN

SWEDE TURNIPS

Fr. CHOU DE SIAM

2 to 4 lbs. will sow an acre.

If by mail, add 5c. to $\frac{1}{4}$ lb. price; 5c. to $\frac{1}{2}$ lb. price; 10c. to 1 lb. price, and for each added lb. add 8c. per lb.

All varieties, per pkt. 10c.

EWING'S "MAMMOTH CLYDE PURPLE TOP"—Produces an enormous weight of roots per acre of wonderful smoothness and size. The flesh is remarkably solid, fine of texture and nutritious. The bulbs are round and perfectly shaped; skin yellow with a deep purple top. This seed is produced for us in the most famous farming section of Scotland, and under the supervision of the same grower for many years. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

EWING'S "ELEPHANT PURPLE TOP"—A beautiful, large, tankard-shaped bulb, rich plum color above ground, yellow below. The neck and top are small. Of handsome appearance, fine-grained and solid, this splendid variety is unequalled for size, producing an enormous crop. It has become a general favorite in Canada, and we have received many testimonials of its exceedingly high place in public favor. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

BEST OF ALL—Large oval-shaped bulb, with bronze purple skin above ground and yellow below. The shoot is dwarf and spreading. It is a particularly fine cropper and a great favorite in some districts. The flesh is solid and of excellent quality. Our seed has been raised from bulbs carefully re-selected, and is confidently recommended to all desiring this particular class of Swede. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

UNIVERSAL PURPLE TOP—A splendid heavy-cropping sort, with a grand constitution; probably the best mildew and drought-resisting variety in existence. Bulb almost round, of medium size and very clean. Rich purple above ground and yellow below; the flesh is rich yellow, solid, juicy and of superb quality. An ideal shipping variety and sure to please. (Also called Canadian Gem). $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

DRUMMOND'S EXTRA IMPROVED—Large, handsome, oval-shaped bulb, with a clear purple skin above ground, yellow below. While all coarseness is avoided, it may be confidently relied on as one of the most robust growers and heaviest croppers in cultivation, combining highest feeding and best keeping qualities. This strain comes from Scotland, and it has taken, when in competition for the best crop, the highest prizes that have ever been awarded. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

HALL'S WESTBURY—A grand old favorite that still retains its place amongst the very best varieties. Handsome, large, round bulbs; flesh solid, fine-grained and rich yellow, very crisp and sweet. In shape very uniform and clean. It is a grand cropper and excellent shipping sort. Skin, deep purple above ground and yellow below. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

SUTTON'S MAGNUM BONUM—A globe-shaped variety, producing roots of immense size, clean, ideal in form and of splendid quality. Yields an enormous weight of bulbs per acre. Yellow below ground, with purple top. Possesses one of the hardest constitutions. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

GARTON'S SUPERLATIVE—In shape it somewhat resembles Elephant. Skin is purple above ground and yellow below. Leaf stalks are very short and neck is almost absent. Of comparatively recent introduction, and has shown up splendidly in all trials. A very heavy cropper. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

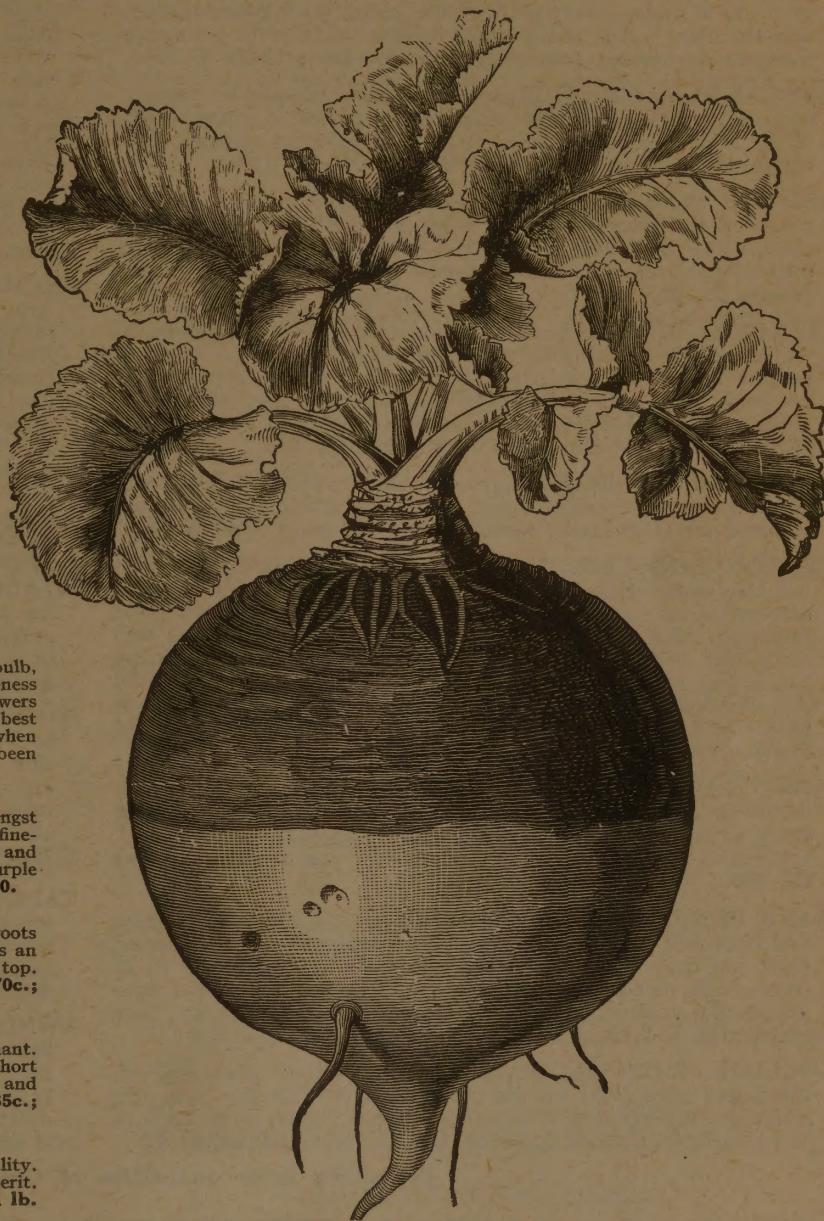
CHAMPION PURPLE TOP—Large oval-shaped bulb, of excellent quality. Flesh yellow, tender and sweet. An old standard variety of great merit. Keeps remarkably well. Heavy cropper. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.

BANGHOLM PURPLE TOP—A large, standard variety with a small neck. Heavy cropper. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.

CARTER'S IMPERIAL PURPLE TOP—An old favorite in many sections. A good yielder of splendid quality. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 55c.; 1 lb. \$1.00.

LAING'S IMPROVED PURPLE TOP—A dwarf, strap-leaved variety with purple top and yellow below ground. Not large but of splendid table quality. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

EWING'S "KANGAROO BRONZE TOP"—A splendid bronze-top variety, possessing the heavy cropping features of Elephant, with the rugged constitution of the hardy Green or Bronze Top varieties. In shape and size it resembles Elephant. In the Maritime Provinces of Canada, this variety is the general favorite on account of its great hardiness and excellent keeping qualities. Deep bronze-green above ground shading to a light yellow at the bottom. Flesh, light yellow, firm, juicy and sweet. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.



SWEDE TURNIP

INVICTA BRONZE TOP—Deep globe shape with greenish-bronze skin above ground and yellow below. The handsome bulbs are very uniform in shape and size; flesh is white, fine grained, solid and of excellent quality. Particularly valuable on account of its heavy yield and splendid long-keeping qualities. This grand sort is of quite recent introduction and has already established itself in public favor. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

CONQUEROR GREEN TOP—One of the leading varieties in the Green Top Class. A particularly heavy cropper with a splendid constitution. Fine keeper. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

HALEWOOD GREEN TOP—A favorite Scotch variety that is not excelled in the Green Top section. Fine globular bulb of very compact flesh, and grows well into the ground. It is unsurpassed for firmness of texture and hardness; of excellent quality and a grand keeper. One of the heaviest croppers of all. $\frac{1}{4}$ lb. 35c.; $\frac{1}{2}$ lb. 70c.; 1 lb. \$1.30.

AGRICULTURAL GRASSES

BY MAIL—add 10c. per lb.

KENTUCKY BLUE GRASS (*Poa pratensis*)—A fine pasture grass, which thrives best on dry, gravelly soil. Yields a large quantity of herbage very early in the season, its extreme earliness and the close sod it forms make it very valuable in permanent pastures or lawns. Imported. Per lb. 35c.; 10 lb. \$3.30

CANADA BLUE GRASS (*Poa compressa*)—Resembles the preceding, excepting that the stem hardly grows so strong. One of the best varieties for lawns; makes an excellent pasture; most suitable for high dry land. Per lb. 20c.; 10 lb. \$1.80

RED TOP (*Agrostis vulgaris*)—For permanent pasture; forms a close sod and succeeds best on moist soil. Should be kept eaten close, so as to prevent its running to seed, the seed stalks being unpalatable to stock. Fancy, per lb. 30c.; 10 lb. \$2.80: Extra fancy, lb. 35c.

CREeping BENT (*Agrostis stolonifera*)—Of dwarf creeping habit. When mixed with other varieties it makes an excellent pasture grass. It bears constant walking over in the most remarkable way and is therefore indispensable for golf courses, croquet and cricket field mixtures, as well as lawn mixtures. Is of fine texture and deep green color. Per lb. 50c.

RHODE ISLAND BENT (*Agrostis Canina*)—Good for lawns. Of a more tuft-forming habit than the preceding, admirably adapted for Golf Links, forms a close fine sod. Per lb. 55c.

CRESTED DOGSTAIL (*Cynosurus cristatus*)—One of the most valuable under grasses for permanent pasture, not so much so on account of its great productiveness as for its exceptionally great nutritive value. About 20 to 25 inches high, and thrives well on almost any sort of soil. The flower stalks are not eaten by cattle, but all animals are fond of the root leaves. A splendid grass for lawns and pleasure grounds, its deep-green, very narrow blades and its dwarf growth render it most valuable for lawns. Per lb. 40c.

SHEEP'S FESCUE (*Festuca ovina*)—Best adapted for gravelly or sandy soils. Grows in tufts, and a small portion of it is of great advantage in permanent pasture, especially where sheep, are kept. Very useful for dry uplands or rocky pastures. Per lb. 40c.

HARD FESCUE (*Festuca duriuscula*)—Is a fine pasture grass and does well in most kinds of soil but especially on such as are light and dry. Is of dwarf growth, with fine foliage. 20 to 25 inches high, narrow blades and still finer bottom leaves of a deep-green color, and is used extensively as a lawn-grass and does excellently on light or sandy soils. Per lb. 40c.

ENGLISH PERENNIAL RYE GRASS (*Lolium perenne*)—Is the staple grass used for hay in Britain, as Timothy is in this country. A portion may be used in Pasture Mixtures, on account of its early and strong growth. Per lb. 20c.; 10 lbs. \$1.80

MEADOW FESCUE (*Festuca pratensis*)—One of the best upper grasses for permanent pasture, grows in even tufts of from 35 to 40 inches and yields an abundance of Fodder of great nutritive value. Though of strong growth the herbage is always tender and succulent, and it makes a fine quality of hay as well as pasture. Succeeds well on heavy loams or clay. A particularly valuable grass which we strongly recommend. Per lb. 40c.

TALL FESCUE (*Festuca Elatior*)—35 to 45 inches high, growing large, tuft-forming grass, producing an abundance of broad leaves and a plant of great agricultural and nutritive value. Thrives on good, heavy, moist, though not marshy, soils. Is relished by all sorts of stock and should be used in fair proportion in pasture mixtures. Per lb. 50c.

ORCHARD (*Dactylis glomerata*)—35 to 45 inches high, growing large tufts and deep roots forming grass with an abundance of rather broad leaves and of great agricultural and nutritive value. Valuable for hay or pasture, on account of its large yield and ripening at same time as clover. It is best to sow it alone for hay, and a special advantage it has is that it is ready for cutting a fortnight or three weeks earlier than Timothy. It is not suitable for marshy tracts of land, but grows well on any other, and under the shade of trees. For hay it should be cut on the green side. No other grass, after being mown or eaten off, grows so quickly again. It is entirely unsuited for lawns on account of its broad leaves and coarse tufty habit. Per lb. 40c.; 10 lbs. \$3.70.

MEADOW FOXTAIL (*Alopecurus pratensis*)—A strong growing permanent grass, the flower stalks resembling Timothy. Is remarkable for the great quantity of leafy herbage it produces, in proportion to the quantity of stalk. Succeeds well on almost any kind of soil. Per lb. 75c.

WOOD MEADOW GRASS (*Poa nemoralis*)—Tuft-forming, 15 to 20 inches high, growing grass of deep green color, and with thin stalks and fine narrow blades, and does better under trees and in shady places than any other variety. Is of no agricultural value, but makes a magnificent lawn-grass in shady places and under trees and is indispensable for this purpose. Per lb. 70c.

TALL MEADOW OAT GRASS (*Avena Elatior*)—A valuable grass, growing from 40 to 50 inches high with abundant broad leaves. Does well on all sorts of soil, other than marshy. A small proportion should be put in permanent pasture mixture. A strong growing grass. Per lb. 40c.; 10 lbs. \$3.70.

AWNLESS BROME GRASS (*Bromus Inermis*)—Valuable for light dry soils. 30 to 40 inches high. In Manitoba it has given the best satisfaction, and on dry soils anywhere will succeed well. Is adapted either for hay or permanent pasture. Its roots being difficult to kill, it is advisable to use it only for permanent hay or pasture. Per lb. 30c.; 10 lbs. \$2.50.

Prices for large quantities of Grasses on application.

PASTURE GRASSES

EWING'S STANDARD PASTURE MIXTURE—Our special mixture of grasses and clovers of the best and purest qualities, for permanent pasture. Per lb. 30c.

No. 2 PASTURE MIXTURE—This Mixture will give a crop of hay the first season, and will make permanent pasture. Lb. 28c.
In using the above mixtures 25 to 30 lbs. are required to sow an acre when sown with grain.

NOTE: When mixed grasses to sow 5 acres or more are required we give special quotations on application.

When seeds are to be sent by mail, add postage for ½ lb. 6 cents; 1 lb. 10 cents and for each added lb. 8 cents per lb.

FOR LAWN GRASS MIXTURES SEE PAGE 1

EWING'S FAMOUS "QUALITY" TIMOTHY AND CLOVER SEEDS

FAMOUS "HIGH GRADE BRANDS"

EX OUR WAREHOUSE, MONTREAL

PRICES FOR LARGER QUANTITIES ON APPLICATION

CLOVER—EARLY RED WESTERN

	Per lb.	10 lb. lots
"CANARY" brand, No. 1 Std.....	.60	\$5.90
"LINNET" brand, No. 2 Std.....	.59	5.80

CLOVER—MAMMOTH LATE RED

	per lb.	10 lb. lots
"EAGLE" brand No. 1 Std.....	.61	\$6.00
"SNIPE" brand, No. 2 Std.....	.60	5.90

CLOVER—ALSIKE

	per lb.	10 lb. lots
"BEST" brand Extra, No. 1 Std.....	.40	\$3.90
"OSTRICH" brand, No. 2 Std.....	.38	3.70

CLOVER—WHITE DUTCH

(For Lawns).

	1 lb
EXTRA FANCY.....	.75
EXTRA CHOICE.....	.65

CLOVER—LUCERNE or ALFALFA

	Per lb.	10 lbs
FANCY brand, No. 1 Std.....	.30	\$2.90
GRIMM'S FANCY STRAIN.....	Write for prices.	
LISCOMB " ".....	" "	" "

SWEET CLOVER—WHITE BLOSSOM or BOKHARA CLOVER

(Melilotus Alba).

Sweet Clover is grown for hay, for green forage, for its value as a pasture plant and as a soil fertilizer and restorer. It gives promise of becoming a rival of Alfalfa on many soils. Until recently Sweet Clover has been regarded by many as a troublesome weed. Lb. 25c.; 10 lbs. \$2.40.

CLOVER—TREFOIL

(Trefoil or Hop Clover).

Lb. 30c.

CLOVER—CRIMSON

(Trifolium incarnatum).

Grows rapidly at the beginning of the season. If sown on pasture or hay land just as the snow is going, will produce, in ordinary years, a paying crop of pasture. Is not hardy here.

Lb. 30c.; 10 lbs. \$2.90; 100 lbs. \$28.00

TIMOTHY

	Per lb.	10 lbs.
"SUN" brand, No. 1 Std.....	.20	\$1.95
"MOON" brand, No. 1 Std.....	.20	1.90
"SALMON" brand, No. 2 Std.....	.18	1.70

MISCELLANEOUS FORAGE PLANTS

BEANS EARLY SOJA—Used for cutting green for stock feeding. Commence to cut when blossoming, but for Ensilage the pods should be well filled. Sow at the rate of 30 lbs. per acre, in rows $2\frac{1}{2}$ feet apart, and leave 8 plants to the running foot. Can be used as a soil enricher, same as clover. Per lb. 15c; per 100 lbs. \$12.00.

HORSE BEANS

10 lbs. \$1.50; 100 lbs. \$13.00 (Imported Scotch).

The beans are either boiled and fed to horses or ground into meal for cattle, and no grain will produce more beef or milk, while the straw is as good as Timothy hay for horses. Sow in drills—30 inches apart— $1\frac{1}{2}$ bushels per acre, in well manured clay land or heavy loam, if possible.

SUNFLOWER

(Mammoth Russian).

Sow in drills at the rate of 7 lbs. per acre. Per lb. 15c.

KAFFIR CORN

Grows 4 to 5 ft. high, and should be sown in drills $2\frac{1}{2}$ ft. apart. Is very leafy and makes fine feed either green or dry. Sow 5 lbs. to the acre in drills and 25 lbs. broadcast. 10c. per lb.; 10 lbs. at 8c per lb.

MILLET

COMMON.—Makes rapid growth. Leafy and abundant foliage. 10 lbs. 60c.

GERMAN—10 lbs. 70c.

JAPANESE—Strong leafy growth, with spreading head. Produces the heaviest crop of Forage of any variety of Millet. Per lb. 10c.; 10 lbs. 80c.

RAPE

See Agricultural Root Seeds. Page 30.

SAINFOIN

A popular forage plant in Europe. Succeeds fairly well here, producing very early forage. Lb. 25c.

SAND OR HAIRY VETCH

25c per lb.

(Larger quantity price on application).

HUNGARIAN GRASS

Stands drought well and will produce a paying crop on poor soil. 10 lbs. \$1.00

SUDAN GRASS

Sudan Grass will not replace Timothy or Clover but will doubtless compete with Millet wherever that is now grown.

Sudan Grass belongs to the Sorghum family. It is an annual, lacking underground root stalks. Two cuttings can be obtained under favorable conditions, and growers report two big crops last season. The yields vary from 1 to 8 tons of cured hay per acre.

Sudan grass when seeded broadcast or in drills averages about 3 to 5 feet in height and has stems a little smaller than a lead pencil, being about three-sixteenths of an inch in diameter. If grown in rows and cultivated it reaches a height of 5 to 9 feet, and the stems are larger than usual, being about one-fourth of an inch in diameter. The panicle is loose and open.

It does best in hot weather and is not suited to high altitudes. Sudan Grass makes heaviest yields on a rich loam, but it has been grown successfully on almost every class of soil from a heavy clay to a light sand. The ground should be firm and well drained.

Sow Sudan Grass after soil has become warm, about corn-planting time. It may be drilled from one-half to one inch deep. When broadcast, sow 16 to 24 lbs. per acre; in rows, 6 lbs. per acre.

(Price on Application)

SOUTHERN COW PEA

Sow in May, 90 lbs. per acre broadcast; when full grown it can either be plowed in to enrich the soil with nitrogen, or cut for green feed. Lb. 10c; 10 lbs. 90c.

TARES OR VETCHES

Very valuable as a green fodder for horses or milch cows, and can be sown as soon as the snow goes, and is the earliest fit for use of any spring sown forage plant. Bush. \$3.00. For large quantities, write for quotations.

THOUSAND HEADED KALE

Makes a splendid forage crop for sheep. Is very productive, rich in nutritive value and very hardy. Grows 3 to 4 feet high, and branches out right from the bottom. It grows with increased rapidity after being fed. Is relished by hogs, cattle and sheep. 3 lbs. per acre broadcast. 1 lb. per acre in drills 18 inches apart. $\frac{1}{4}$ lb. 12c; $\frac{1}{2}$ lb. 20c; 1 lb. 30c.; 4 lbs. \$1.00.

MISCELLANEOUS SEEDS

WILD RICE (Zizania Aquatica)—Grown in marshes and swamps. Wild ducks and other water fowl feed on it. Price on application.

POP CORN—Best white, 16c. per lb.

GIANT RUSSIAN SUNFLOWER—Lb. 15c.

EVERGREEN BROOM CORN—Per lb. 10c.; 10 lbs. 75c.

FLAX SEED—For sowing, feeding and medicinal purposes. Lb. 15c.; per 100 lbs. \$11.00; choice re-cleaned.

BIRD SEEDS

CANARY—Re-cleaned. Lb. 25c.
LETTUCE SEED—Oz. 10c.

MIXED BIRDSEED—Our standard mixture. fresh re-cleaned seed. Lb. 25c.

RAPE—Lb. 25c.

MIXED SEED FOR PARROTS—Lb. 20c.

MAW—Lb. 40c.

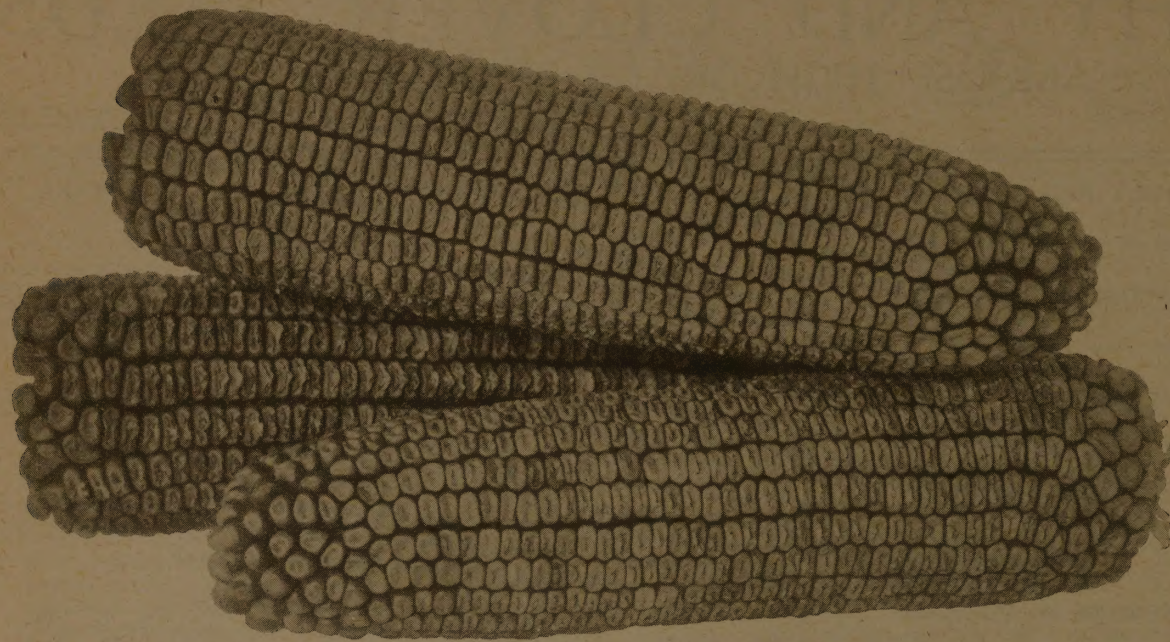
HEMP—Lb. 15c.

MILLET—Lb. 8c.

Prices for large quantities on application.

When seeds are to be sent by mail, add postage for 1 lb. 10 cents and each added lb. 8 cents per lb.

EWING'S SELECTED ENSILAGE SEED CORNS



We would also recommend buyers, if they receive their Corn early in spring, to spread it out and thus keep it in perfect condition till sowing time.

DENT VARIETIES

WHITE CAP YELLOW DENT—This old favorite has been known for many years as a good yielder on all kinds of land. An early, very strong and hardy strain and recommended for thin soils. The ears are large and well covered, cob is both red and white. The grain has white cap, is well dented and of good depth with lemon-colored body.

Write for Price List.

REID'S YELLOW DENT—If any seed grain can truly be called pedigreed, the Reid's Yellow Dent Field Corn is certainly entitled to be known as such. It has been bred up and selected with painstaking care to what is at the present time the most popular and probably the best all around purpose yellow corn grown in the United States. This Corn can truly be called the "Universal Corn." Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Is well filled over the ends, and especially the butt, leaving a small shank, which makes it a great favorite with huskers.

Write for Price List.

EARLY IMPROVED LEAMING—A fine early Yellow Dent variety, ears of good size, cobs red and small, with large deep grains; a strong grower, and produces well on light and heavy land where other varieties of Yellow Dent will not thrive. While not ripening in all sections, the ears arrive at a firm dough state at time for cutting and make fine ensilage.

Write for Price List.

ORDINARY LEAMING—One of the best varieties for silage purposes, well known and very popular. Good sized, solid, yellow ears. Grows leafy stalks 12 to 14 ft. high. Not quite so early as the Improved Early Leaming.

Write for Price List.

WISCONSIN NO. 7 WHITE DENT—The stalks grow to an average height of 8 feet, and are thickly furnished with foliage close to the ground. The ears are large, with 16 to 20 rows of large, deep kernels, which are closely set on a small white cob.

Write for Price List.

EXTRA EARLY HURON—Large, deep, golden yellow grain, cob of medium size. Will mature in 90 days.

Write for Price List.

CHAMPION WHITE PEARL—Medium early, of branching habit and profuse foliage. It makes an enormous yield on rich land, and does better on thin land than many other varieties. Has a deep white grain, ears are numerous and large in size.

Write for Price List.

EARLY MASTODON—One of the heaviest producing varieties. Of quick, strong, vigorous growth. The leaves are very broad and heavy. Ears of largest size. Deep golden yellow grains.

Write for Price List.

CUBAN GIANT—Probably the heaviest ear-producing Dent Corn, and grows an enormous crop of excellent fodder. Ears very large, dented. Either white or yellow. Height, 12 to 14 ft. Write for Price List.

MINNESOTA KING—A most valuable variety for growing in Northern Sections, as it possesses a remarkably healthy and vigorous constitution. No sort withstands weather extremes so successfully. Medium-sized ears with eight rows of broad yellow kernels, half way between Flint and Dent. Matures fully ten days earlier than any of the Dent sorts, and is just the corn for wet, cold seasons.

Write for Price List.

GIANT SOUTHERN WHITE—A very large White Dent Field Corn. Has a broad, very deep, pure white kernel and cob. Possesses the same rank luxuriance as Red Cob. Height, 12 to 14 ft.

Write for Price List.

RED COB—A Southern type of large, white corn, with strong, leafy stalks and short joints. Gives an enormous crop of fodder. Height, 12 to 14 ft.

Write for Price List.

FLINT VARIETIES

LONGFELLOW—A vigorous, early, eight-rowed variety, well supplied with foliage and roots deeply, enabling it to withstand adverse weather conditions. Ears are from 10 to 14 inches in length and are well filled with large, broad, golden-yellow kernels. Probably the most popular of all the Flint varieties. Height, 8 to 10 ft. Write for Price List.

IMPROVED KING PHILLIP—Write for Price List.

SANFORD WHITE FLINT—Considered, in many sections, the best Flint Corn grown. The ears are of handsome shape, 12 to 15 inches long, and of flinty white color. The plant is of strong, vigorous growth; leaves are very broad and succulent and of great value for fodder and ensilage. Stalks usually bear 2 to 3 ears. Height, 8 ft. Write for Price List.

EARLY COMPTON—Twelve-rowed, small kernels, compactly placed on the cob. Very extensively used for ensilage and for a grain-producing crop. It makes a rich, palatable food when cured as silage. Its extreme earliness adapts it to northern sections, where it is a great favorite. Height, 8 ft.

Write for Price List.

ANGEL OF MIDNIGHT—An eight-rowed, extra-early Yellow Flint Corn. The long straight ears are evenly filled from butt to tip with rich, golden-yellow kernels of medium size. Height, 8 ft. Write for Price List.

NORTH DAKOTA WHITE FLINT—A splendid extra early White Flint Corn, which resists weather extremes to a remarkable extent. Under normal conditions, the stalk attains a height of about 7 ft.; the ears are about 3 ft. from the ground. The leafy character of the close-jointed stalks makes it unusually fine for fodder. Ears are of large size; kernels broad, and the grain of a dusky white color. Yields enormous crops. Write for Price List.

EARLY CANADA YELLOW FLINT—The old standard variety. Early, hardy and prolific, and the fodder is of good quality.

Write for Price List.

SUGAR OR SWEET VARIETIES

MAMMOTH BLACK MEXICAN—Makes a fine quality of Ensilage. Is early and of leafy habit, producing ears in great profusion.

PERRY'S HYBRID—Medium in height and earliness.

SUGAR FODDER or EVERGREEN SUGAR—Is a heavy cropper, and makes splendid Ensilage. Is fine for Fall feeding. 9½ ft.

MAMMOTH—Similar to preceding, but hardly so tall. No variety of Corn excels it in number of ears it produces. We recommend it strongly.

Write for Price List.

SEED CORN ON THE EAR

72 lbs. per Bushel PEDIGREE STOCK—SELECTED EARS

When corn is purchased on the ear, one can be positive as to type. The varieties offered in this list have been grown by specialists, and the strains are of the highest possible standard.

WHITE CAP YELLOW DENT.

SALZER'S NORTH DAKOTA.

EARLY IMPROVED LEAMING.

LONGFELLOW.

QUEBEC YELLOW FLINT—Originated and grown in province of Quebec. The earliest of all Flint varieties. Superb ears, 12-rowed.

Write for Price List.

EWING'S Selected SEED GRAIN

NOTE—In comparing our quotations for grain, etc., with Western ones, please note the difference in freight, in favor of Montreal, to all points in Eastern Ontario, Quebec, and all the Lower Provinces. For large quantities please write for special quotations.

We issue a Special Grain Price List, which we shall be pleased to mail intending purchasers on receipt of their inquiries.

BARLEY

(Bushel, 48 lbs.) GOVERNMENT STANDARD

No. 21 SIX-ROWED (New)—The new variety originated at Ontario Agricultural College, which they claim is evidently surpassing the Mandscheuri and is an exceedingly popular variety amongst the farmers who have grown it. Probably the best variety which is now being grown on the farms of Ontario.

DUCK-BILL—This large-grained and handsome two-rowed variety is a great improvement on the common two-rowed, in plumpness of grain and stiffness of straw.

FOUR or SIX-ROWED—Four or six-rowed Barley will give better results on light or poor soils than will two-rowed.

MANDSCHEURI—An early six-rowed variety.

MENSURY—This six-rowed variety is an enormous yielder.

BLACK HULLESS—Has no beards and yields well.

WHITE HULLESS—Has no beards and yields well.

BUCKWHEAT

(Bushel, 48 lbs.)

JAPANESE BUCKWHEAT—Entirely distinct from all other varieties. It has the advantage of remaining for some time in bloom and produces seed earlier. On this account it can be grown farther north. It resists drought and blight very well. The seed is rich dark brown in color and larger than Silver Hull. As much as forty bushels to the acre have been harvested of this variety, making it very profitable to raise.

SILVER HULL—A very good and popular variety. The grain is of light gray color, rounder than the common variety; has a much thinner hull.

BEANS—Field

Where the soil is suitable, beans will be found a most profitable crop to grow, and at the same time there is nothing better for keeping the ground clean. We offer the following varieties:

White or Navy
White Pea

White Marrowfat
Red Kidney
Yellow California

White Kidney
Yellow Eye

RYE

(Bushel 56 lbs.)

SPRING RYE—It is quite hardy and the seed can be sown as soon in the spring as the frost is out of the ground. It grows very rapidly and should be cut as soon as the head appears, when it makes good green fodder and hay. It is best cut with the binder and handled in sheaves, in which shape it cures well. The yield varies from 1 to 4 tons per acre. It grows again after cutting, affording considerable pasture in a moist season. In districts liable to dry weather, nothing can equal Rye to produce a crop.

FALL—The variety commonly cultivated for grain, straw, green fodder, etc.

SPELTZ OR EMMER

(40 lbs. to Bushel)

A valuable grain recently introduced from Russia. It is adapted to dry sections and poor soil, often yielding 50 bushels or more of grain per acre. The straw and grain of Speltz have feeding value equal to barley and are relished by all kinds of stock. Sow in the Spring.

PEAS

(Bushel 60 lbs.)

CANADIAN BEAUTY—A variety of White Marrow which in most sections has given splendid results. The seed is large and of bright color, straw strong. An enormous yielder, and one of the most profitable sorts grown.

BLUE PRUSSIAN—First in the list of varieties recommended in the Report of Dominion Experimental Farms. It is a very early variety, of strong growth, the pods averaging 2½ inches in length. Out of 28 varieties tested Prussian Blue gave the highest yield.

GOLDEN VINE—The favorite variety, early, good straw and a splendid yielder.

PRINCE ALBERT—Early and productive.

WHITE MARROWFAT—Prolific, with large pods filled with large peas.

BLACK EYE MARROWFAT—Equal to the White variety.

CANADA WHITE—Height of vine 3½ to 4 ft. This is a standard variety of Field Peas and needs no special description. This variety is extensively grown in Canada, Wisconsin and other Pea growing sections, and has a large sale, not only for agricultural purposes, but for use in soups. It is also fine for pigeons and poultry.

OATS

(Bushel, 34 lbs.)

We shall be pleased to furnish samples and quotations for quantities of Seed Oats.

ABUNDANCE—A Tree Oat, medium stiff straw with short plump kernels, and ripens about eight days earlier than other varieties. Is supposed not to stool. Has become firmly established in the West.

TWENTIETH CENTURY—An extra heavy cropper.

LIGOWA—Very early.

NEWMARKET—One of the best all-round varieties in cultivation.

SENSATION—Very early. Stiff straw with long open head, pyramidal in form, a great cropper.

SIBERIAN—Very productive.

AMERICAN BANNER—One of the heaviest cropping white varieties in cultivation: has given the best of satisfaction to every one growing it. Medium early.

BLACK TARTARIAN.

NEW BLACK GOANETTE.

GRAND NEW WHITE OAT, O. A. C., No. 72

VERY THIN HULL LONG, STRONG STRAW. STANDS UP WELL. SPLENDID YIELDER.

This grand new Oat originated on the Experimental Farm at Guelph and has proved to be a great success.

The straw is long, thick and heavy, with a hull 8 p.c. thinner than any other Oat we know of. It has splendid feeding properties, and is the heaviest yielding Oat tested for years.

WHEAT

(Bushel 60 lbs.) GOVERNMENT STANDARD.

SPRING VARIETIES

MARQUIS—By acclimatizing Hard Red Calcutta and crossing it with Red Fife, Professor Saunders has discovered this variety named **Marquis Wheat**, a type that is a week to ten days earlier than Red Fife and its equal in every quality. Kernels are dark red, hard and good size. Heads are medium in length and beardless. Smooth yellow chaff. Straw medium in height and very stiff.

PRESTON—This new wheat is the result of crossing the Red Fife on the Ladoga. It is red bearded with strong straw; grain is of average size, but "plump and hard," and ripens with White Russian. No variety will produce more and few so much.

WHITE RUSSIAN and LOST NATION—Well known bald varieties.

RED FIFE and WHITE FIFE—Standard bald varieties. Manitoba grown.

WILD GOOSE—A very productive and hardy white headed variety. Grain hard and flinty; best sort to raise for feeding stock.

COLORADO RED-BEARDED—Early and a grand yielder.

FALL WHEAT

(Bushel 60 lbs.) (GOVERNMENT STANDARD)

CLAWSON, GARFIELD and other fall varieties. Market price.

SEAMLESS COTTON BAGS at 75c.

Special Prices for large quantities of Seed Grain.

FLOWER SEED NOVELTIES

ASTER HEART OF FRANCE

The best pure red Aster ever introduced. All others have somber shades of blue or too much yellow in the color pigments. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, now a soft, warm, velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration.

The flowers are large and full with never a trace of hollow center. The plants are of branching type and very robust habit. The stems are long and strong and have very few laterals. The plants begin to bloom quite early in the season and open fully with the mid-season varieties. They retain their brilliancy and luster for a longer period than almost any other color.

This will be a tip-top variety for florists as well as home gardeners for the reason that the flowers and stems are so large and vigorous and their shipping and long-keeping qualities are such as to make it a winner for almost any purpose. Heart of France will surely supplant all other reds and near reds of either branching or upright types because of its marvelous beauty and other satisfactory characteristics. **Pkt. 35 cts.**

VICK'S PEERLESS YELLOW ASTER

Now we have the pleasure of introducing a big yellow Aster with type securely fixed. Every flower will become a beautiful chrysanthemum yellow. The flowers are remarkably full and ball shaped, with centers so deeply covered with curled and twisted florets that the variety is almost a record breaker in scarcity of producing seed.

The plants are of branching type and very vigorous. It is not unusual to find a plant with from twenty to thirty good flowering stems sufficiently long and with flowers of ample size for extra fancy cut flower purposes. So numerous and large are the flowers that the plants are completely covered like a golden dome. Frequently visitors comment on its resemblance to a miniature yellow snowball. In a bed the plants will easily fill across two foot rows. In a border a single row is ample. It is certainly a winner in its class and color. **Pkt., 35c.**

NEW EARLY FLOWERING LONG SEASON SPENCER SWEET PEAS

There is no doubt but that this new type of Sweet Peas, put out last year for the first time, fills a distinct want. Not everybody is fortunate enough to live where Sweet Peas will flourish, and, strange as it may seem, this new class of Sweet Peas is useful, both where the seasons are too hot for Sweet Peas ordinarily, and too cold. The best varieties for greenhouse forcing everywhere. In climates which are cold and where frosts come early, these same Sweet Peas, by taking less time to come into flower, will give a month more bloom than the ordinary late varieties.

These Sweet Peas are entirely new and are here introduced for the first time.

We do not mean that these New Early Sweet Peas should take the place of the magnificent Late Flowering Spencers, but they are an addition to the garden of those who wish flowers early and late.

EARLY MELODY—A deeper shade of pink than Early Song Bird, a good pink, closely resembling Countess Spencer. The flowers are borne on long stems, and mostly four large, well-waved blossoms to each stem. **Pkt., 25c.**

EARLY HEATHER BELL—The color is a rich and pleasing mauve, but after standing in water the color becomes a beautiful mauve lavender. **Pkt., 25c.**

EARLY MORNING STAR—Morning Star is practically the same color as the much admired Thomas Stevenson; that is, a deep orange scarlet or plain color in the standard and orange pink in the wings. **Pkt., 30c.**

EARLY SNOW FLAKE—As its name indicates, this is pure white and is quite the best early flowering White Spencer. Flowers come on long stems. This variety is appreciated by all florists. **Pkt., 30c.**

VICK'S SILVERY ROSE ASTER

Here is another robust, long-stemmed, large-flowering new variety. Every petal is a combination of deep lilac rose, almost cerise, very delicately threaded with white. Do not get the impression that this is a striped variety. The threads are so tiny as to give the petals a silvery sheen. Even the slightest change in light will shade the petals from a rich glowing rosy cerise to a silvery rose. The ladies say that the old-fashioned color, Ashes of Roses, exactly describes this color. Others call it Old Rose. But as it is infinitely better than several of the earlier varieties introduced by us, to which we gave the name Old Rose, it would be a pity to handicap this mammoth glorious flower with a name suggestive of these inferior predecessors.

The plants are very vigorous. The stems are unusually long and the flowers very large. This variety stands out above every other in the field in which it grows for size and vigor. The unusual, distinctive color is so appropriate for wreaths, design and decorative work, that we fancy it will rival in popularity our Lavender Pink, which without question is the most popular color, except white, with the cut flower trade. **Pkt., 35c.**

NEW DOUBLE COSMOS

PINK BEAUTY—New flowers are rare, and these double Cosmos are as different from the well-known single ones as though they were a different flower. The center is double with many small petals and a rim of large outer petals. **Pkt., 25c.**

WHITE QUEEN—Pure white and double as above. **Pkt., 25c.**

DOUBLE DEEP PINK—This newest Cosmos is double in a different way from the Pink Beauty. The color is the same, but this variety has the outer petals doubled instead of the center. The perfect ones are double like a Golden Glow Rudbeckia. There is a percentage of the Pink Beauty produced, as the flowers are not absolutely true from seed. **Pkt., 35c.**

DOUBLE PURE WHITE—The white form of Double Deep Pink. **Pkt., 35c.**

EARLY SONG BIRD—A splendid light pink, the color of "Florence Morse Spencer." This is one of the very popular colors with all Sweet Pea raisers, and this variety has flowers splendidly shaped and placed. **Pkt., 25c.**

EARLY SPRING MAID—Like other Early Flowering Spencers, this carries a great wealth of blossom borne in fours on long stems. The color is a light flesh pink, about like Mrs. Hugh Dickson. **Pkt., 25c.**

EARLY LIBERTY—Nothing yet introduced has approached this deep sunproof crimson or blood red. It is the color of "King Edward Spencer." Florists have wanted this shade. The vines are vigorous and bear quantities of fine, large flowers. **Pkt., 35c.**

EARLY MEADOW LARK—A deep, rich cream Sweet Pea. Many of the flowers are duplex and are well waved, and come in threes and fours on strong vines as do the other varieties we are now introducing. **Pkt., 35c.**

EARLY RED WING—A rich crimson magenta. The color purples with age out of doors in hot weather, but under glass is bright and clear. **Pkt., 35c.**

EARLY SONGSTER—A splendid lavender, the color of "Masterpiece," and quite the best lavender. The flowers have less mauve than in our well-known variety, "Asta Ohn." They are of perfect form. **Pkt., 35c.**

EARLY SUNSET—A pastel shade of great beauty, especially when grown under glass. The color is a rich mauve pink on a white ground. **Pkt., 35c.**

EARLY WARBLER—Early Warbler is a gem for the florists and amateur growers. The color is rich mauve purple, somewhat similar to the late flowering growers. The color is rich mauve purple, somewhat similar to the late flowering variety, "Tennant Spencer." The flowers are extra large and beautiful in form. **Pkt., 35c.**

Annual, Biennial and Greenhouse Flower Seeds

For "PERENNIALS" See pages under heading "Perennial Flower Seeds," commencing page 65

Abbreviations used: h. a. hardy annual; h. h. a. half hardy annual (such may be started in a box in the house or in a hotbed); h. b. hardy biennial; h. h. b. half hardy biennial; G. greenhouse plant.

Please note that the Flower Seed List is divided into two parts. In the first is enumerated Annuals and Biennials, including Greenhouse Flowers which are raised from seed. Then succeeding this is a complete list of Hardy Perennial or Herbaceous Plants that are grown from seed, all alphabetically arranged.

HINTS HOW TO RAISE FLOWERS FROM SEED

SOIL.—A medium rich porous soil produces the best blooms.

SOWING.—Never sow seed in the open ground till the soil is warm, nor when it is very wet. Rake the patches perfectly smooth where seeds are to be sown, and after sowing cover with sand or finely sifted light soil. Small seeds require the least possible covering and larger ones more, in proportion to size—2 or 3 times the diameter of seeds being sufficient. Press the soil down after sowing, with a smooth board; shade till plants grow, and keep moist.

THINNING, TRANSPLANTING and STAKING

Keep thinning out as plants grow, transplanting these thinnings according to number of plants required. Distance between plants in beds should not be less than half the height of the variety. All slender growing but tall plants should be tied up to neat stakes.

Transplant when weather is cloudy and shade if sun comes too strong for a few days. Biennials should, as a rule, be treated as Annuals, but should be sown in the house or hotbed and transplanted in May to where intended to bloom.

SOWING IN BOXES.—Tender Annuals and Biennials had better be sown indoors. Fill a shallow box to within an inch of the top with equal parts sand and light loam, thoroughly mixed and carefully sifted. Sow seed thinly in rows, pressing seeds gently into the earth, then cover lightly with finely sifted soil. Cover box with a pane of glass, shade with paper and place in the window. Keep moist till plants are up.



SWEET ALYSSUM—COMPACTUM OR "LITTLE GEM"

ABRONIA UMBELLATA (Sand Verbena)

- | | |
|--|-----------|
| No. | Pkt. cts. |
| 1. ROSY LILAC—H. h. a. Somewhat resembles the verbena; sweet scented; suitable for beds, rock work or hanging baskets; ½ ft..... | 10 |

ABUTILON (Lantern Flower)

FLOWERING MAPLE—Valuable perennial for conservatory decoration. Will blossom out of doors during Summer and Autumn.

- | | |
|---|----|
| 2. SPLENDID MIXTURE—Saved from best varieties in cultivation..... | 15 |
|---|----|

ACACIA (The Wattle)

- | | |
|--|----|
| 3. MIXED VARIETIES—G. Greenhouse and Stove shrubs..... | 10 |
|--|----|

ACROCLINUM

H. h. a. Useful for winter bouquets, and shows to great advantage in the flower border. "Everlasting Flower."

- | | |
|-------------------------------------|----|
| 4. DOUBLE VARIETIES—In mixture..... | 10 |
|-------------------------------------|----|

ADONIS

- | | |
|---|-----------|
| No. | Pkt. cts. |
| 5. AESTIVALIS (FLOS ADONIS)—Crimson, h. a., 1 foot..... | 10 |

SWEET ALYSSUM

Fine for borders or edgings. Flowers in the greatest profusion, making a perfect carpet of pure white.

- | | |
|--|----|
| 6. SWEET WHITE—H. a. 1 ft. Oz. 40c..... | 10 |
| 7. COMPACTUM or LITTLE GEM—H. a., 6 inch, an excellent variety. Oz. 80c..... | 10 |
| 8. PROCUMBENS (Carpet of Snow)—Grows about 3 ins. high. Splendid flowers; a gem for edgings and beds. 4 inches high..... | 15 |
| 9. LITTLE DORRIT—Little bushes fairly smothered with miniature white flowers; a gem for edgings and beds. 4 inches high..... | 10 |
| 10. LILAC QUEEN—(Novelty). A distinct, new annual variety with pure lilac colored flowers. The plants are of dwarf compact growth and are equally as useful for carpet bedding and edgings as the dwarf white varieties..... | 25 |

ASTER

EWING'S SUPERB BRANCHING ASTER

(SEE CUT)

The leading Aster in all the flower markets in the country and still holds first place in the garden of the amateur.

The flowers of the Ewing's Superb Branching Aster are of extraordinary size, and are borne on long, graceful stems from fifteen to twenty inches in length.

The plants are extra large and of strong growth, one plant often covering a space of two and one-half feet square. They are unexcelled for cutting, and are by far the most satisfactory late Aster grown. The plants begin blooming about August 15th, and continue throughout the season, but they can be brought into bloom earlier by sowing seed in the house in March or April.

No. Pkt. cts.

11. **WHITE**—The plants are exceptionally strong and produce great balls of white bloom..... 10
12. **ROSE**—Full double flowers of rich deep rose..... 10
13. **CRIMSON**—A rich, glowing color, especially effective by artificial light... 10
14. **ROSY CARMINE** — Distinct and beautiful. A lively brilliant color.... 10
15. **LAVENDER**—A splendid clear lavender. A most useful color..... 10
16. **PURPLE**—Beautifully formed, full double flowers of rich purple..... 10
17. **SHELL PINK**—An exquisite shade of light shell-pink. Flowers large and very graceful in form..... 10
18. **DEEP PINK**—The color of a deep pink rose. Beautiful, full double flowers... 10
19. **DARK VIOLET**—An extremely deep, glowing color. A deeper shade than Branching Purple. It has a peculiar velvety finish giving it an appearance of richness that is distinct and striking. 10
20. **SUPERB MIXTURE OF ALL COLORS**..... 10

KING ASTERS

A magnificent class of Asters distinct from all others in the character of the flower. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance and last longer when cut than those of any other class. The plants are large and the stems exceptionally long and strong.

No. Pkt. cts.

21. **SHELL PINK KING**—The color, a soft blush pink. Whether used separately or with one or more other colors, you will agree that any bouquet in which Shell Pink Aster is included is gloriously beautiful and artistically complete.. 25
22. **CRIMSON KING**—No other color in the entire class makes a richer, more strikingly handsome appearance than does Crimson King. Probably the richest, most brilliant crimson ever seen in Asters..... 25
23. **WHITE KING**—The flowers are large, full-centered and pure white. Stems are long and very free from side shoots. White King is an extra good shipping variety..... 25
24. **LAVENDER KING** — The massive flowers of the new Lavender King are of the same thick, fluffy type as those of the White King. The color is a very pleasing shade of deep Lavender..... 25
25. **VIOLET KING**—The immense flowers are a rich violet purple. The flower is quite thick, with a full centre which is usually twisted into a strong "whorl" in the freshly opened flowers. Bold and striking and very beautiful..... 25
26. **ROSE KING**—Deep brilliant rose.... 25
27. **SUPERB MIXTURE ALL COLORS** 25

EWING'S SUPERB
BRANCHING ASTER

CREGO'S GIANT COMET ASTERS

ALSO KNOWN AS ASTERMUMS AND MAMMOTH OSTRICH PLUME

These truly grand Asters win enthusiastic admiration from all who see them. They are a highly developed American type of the German Comet, Hohenzollern or Mammoth Ostrich Plume Asters and are far superior to imported strains. The flowers are of immense size, 4 to 5 and often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double, half-globes, equalling some of the finer Ostrich Plume Chrysanthemums. The plants, of luxuriant branching growth, attain a height of 18 inches to 2 feet, each plant bearing from 20 to 30 of these magnificent flowers on very long stems, which gives them an added value for cutting and vasing.

No.	Pkt. cts.	No.	Pkt. cts.
28. WHITE	15	32. PURPLE	15
29. ROSE-PINK	15	33. AZURE BLUE	15
30. SHELL-PINK	15	34. LAVENDER	15
31. CRIMSON	15	35. SUPERB MIXED COLORS	15



EWING'S DWARF
CHRYSANTHEMUM
ASTER

A large flowering dwarf Aster: plants grow about 1 foot high. Flowers large and double like Chrysanthemums.

No.	Pkt. cts.
36. LIGHT BLUE	10
37. FIERY SCARLET	10
38. WHITE	10
39. BRIGHT ROSE	10
40. MIXED COLORS	10



EWING'S "MONTREAL" ASTER

EWING'S "MONTREAL" ASTER

THE MOST MAGNIFICENT VARIETY OF ALL.

This class of Asters is the very best of its kind. The plants are like those of Ewing's Superb Branching Aster, large and strong, and the long branches are very numerous.

The flowers are of the Comet type, the petals being long and narrow and gracefully recurved, giving them a lightness and grace that makes them the most artistic of all Asters. The flowers are of immense size—the largest Asters now in cultivation—their artistic beauty, their delicacy of coloring and freedom of bloom make them the grandest Asters ever sent out in this class.

- | | Pkt. cts. |
|---|-----------|
| 41. LAVENDER-PINK "MONTREAL"—The finest of the Lavender-Pink Asters. The petals are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl across each other in magnificent disorder. For a mid-season pink it is without a rival. Blooms are from 4 to 6 inches in diameter | 25 |
| 42. SHELL-PINK "MONTREAL"—The flower large, the petals narrow, very long and graceful. A delicate shade of shell-pink. A most beautiful Aster | 25 |
| 43. ROSE "MONTREAL"—A grand large bloom of a beautiful rose shade. | 25 |
| 44. CRIMSON "MONTREAL"—Beautiful dark crimson, but at the same time glossy and brilliant. Wonderfully attractive | 25 |
| 45. WHITE "MONTREAL"—Immense fluffy white flowers borne on long strong stems. For cutting this Aster is unsurpassed | 25 |
| 46. DARK VIOLET "MONTREAL"—A splendid shade of violet | 25 |
| 47. LAVENDER "MONTREAL"—A clear light lavender. Very effective. | 25 |
| 48. PURPLE "MONTREAL"—Deep rich purple | 25 |
| 49. EWING'S "MONTREAL" ASTER MIXTURE—All Colors | 25 |

They are the largest early Asters of which we know, flowers $3\frac{1}{2}$ to 4 inches across, of double Comet type; splendid substance and long stems; plants healthy and sturdy, of branching habit, 18 inches high; free bloomers.

No.	Pkt. cts.	No.	Pkt. cts.
57. WHITE.....	10	60. LIGHT BLUE.....	10
58. DARK BLUE.....	10	61. ROSE.....	10
59. CRIMSON.....	10	62. SUPERB MIXED.....	10

IMPERIAL or DAYBREAK ASTERS

THE AMERICAN VICTORIA ASTER

These comparatively new Asters are midsummer flowering varieties, healthy and vigorous in growth, of upright, bushy habit and very profuse bloomers—veritable bouquets of flowers—and in consequence are unrivalled for bedding. The flowers—borne on good long, stiff stems—are so very double as to appear almost like balls. The petals, short and narrow, are slightly folded and of durable, lasting substance. While splendid as cut flowers, it is as the bedding Asters—par excellence—for our Canadian climate and conditions, that the Imperial Asters are especially recommended.

	Pkt. cts.
50. "DAYBREAK"—An exquisite shade of shell-pink.....	15
51. "PURITY"—Pure snow-white.....	15
52. "BLUEBIRD"—Lively bright blue.	15
53. "SALMON"—A lovely shade of pinkish salmon.....	15
54. "LAVENDER"—A delicate shade of pale lavender.....	15
55. "ROSE"—Bright silvery-rose.....	15
56. IMPERIAL MIXED COLORS	15

EXTRA EARLY HOHENZOLLERN ASTER

Early-flowering Comet Asters of great merit, not only for garden purposes, but of even more value for early cut flowers. Extra-early flowering Asters have heretofore been produced at the expense of either size, doubleness, substance or length of stem, but the Extra Early Hohenzollern are nearly as good as late-flowering sorts.

VICTORIA ASTER

Magnificent flowers, double clear to the centre, massive and showy, with regular overlapping petals. The flowers measure 4 to 5 inches across, and the colors include many extremely delicate and some gorgeous shades. About 18 inches high.

No.	Pkt. cts.	No.	Pkt. cts.
63. WHITE.....	10	68. VIOLET.....	10
64. ROSY PINK.....	10	69. FIERY SCARLET.....	10
65. LIGHT BLUE.....	10	70. DARK BLUE.....	10
66. CRIMSON.....	10	71. MIXED COLORS.....	10
67. MISS ROOSEVELT—Primrose passing to flesh.....	15		

ASTER---continued

QUEEN OF MARKET ASTER

Valuable on account of their extreme earliness and for cutting; plants 12 inches high; medium-sized double flowers on long stems.

No.	Pkt. cts.	No.	Pkt. cts.
72. WHITE.....	10	75. FIERY SCARLET.....	10
73. CRIMSON.....	10	76. DARK BLUE.....	10
74. BRIGHT ROSE.....	10	77. FINEST MIXED.....	10

SINGLE ELEGANCE ASTERS

Flowers measure 4 to 6 inches across. They are becoming very popular where pretty decorative effects are desired.

No.	Pkt. cts.	No.	Pkt. cts.
78. WHITE.....	10	80. DARK BLUE.....	10
79. ROSE.....	10	81. MIXED.....	10

CHOICE ASTERS (Miscellaneous)

82. **AUTUMN GLORY**—This is a most welcome addition to our garden Asters for it is the latest of all—thus lengthening the Aster season by at least two weeks, coming into bloom just after all other late varieties have passed their prime. The plant is a large, strong grower, bearing immense double pure deep shell-pink flowers of lasting substance on long stems.... 25
83. **ENCHANTRESS PINK**—Its vigorous, upright habit of growth, the profusion of good, strong, flowering stems, together with the size and loose, graceful effect of the branching type of flower makes this variety a very desirable acquisition. The beautiful, large, double flowers have the delicate shade of the Pink Enchantress Carnation. Unlike many other pink Asters this variety holds its soft delicate color for a long time without fading.... 25
84. **LAVENDER GEM**—One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. 20
85. **MIKADO PINK or ROCHESTER**—A charming shade of pink suffused with lavender. A color which shows to great advantage under artificial light. A variety of the comet class.... 25

- | No. | Pkt. cts. |
|--|-----------|
| 86. TRUFFAUT'S PAEONY-FLOWERED PERFECTION —Very double, large and beautiful flowers, with incurved petals; height, eighteen inches to two feet. Mixed..... | 10 |
| 87. DWARF COMET —Superb class. Finest mixed varieties..... | 10 |
| 88. JAPANESE —Blooms are very large, and the long, curiously-curved petals give them a striking resemblance to the Japanese Chrysanthemum. Colors are flesh and rose..... | 15 |
| 89. DWARF BOUQUET —Mixed. Plants form complete bouquets 8 inches in height..... | 10 |
| 90. CHINA —Double choice mixed. EWING'S MOUNT ROYAL PARK COLLECTION OF ASTERS. A choice mixture of all the best standard and newly introduced varieties. | 10 |
| 91. SUPERB MIXTURE —Of tall varieties..... | 10 |
| 92. SUPERB MIXTURE —Dwarf varieties..... | 10 |
| 93. OSTRICH PLUME, MIXED | 10 |

This magnificent Aster produces flowers of immense size, made up of long, loosely formed petals. Blooms in August. When used for cutting, the flowers should be picked when about half expanded and allowed to develop in water in a cool room.

NEW EARLY-FLOWERING ROYAL ASTERS

This new strain of early-flowering branching Asters will be eagerly welcomed as it fills in the season between the earliest "Queen of the Market" and the later "Branching." The magnificently-shaped double flowers are very large, with broad petals, slightly incurving; they are borne abundantly and always on extra long strong stems. The plants average 2 feet in height, branching freely. The plants are in bloom for a long time and produce fine flowers until the later varieties come in.

- | No. | Pkt. cts. |
|-------------------------------|-----------|
| 94. MIXED COLORS | 15 |



AGERATUM. IMPERIAL DWARF BLUE

AGROSTEMMA

- | No. | A hardy, free-blooming annual, well adapted for borders. | Pkt. cts. |
|--------------------------------------|--|-----------|
| 95. MIXED COLORS —1 foot..... | | 10 |

ALONSOA

- | | |
|--|----|
| 96. MIXED —Suitable for small beds and borders. 1 ft..... | 10 |
|--|----|

AMARANTHUS

Brilliant-foliaged annuals, growing from 3 to 5 feet high, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants or for centre of beds. They thrive best in a hot, sunny location, not too rich soil, and given sufficient room to develop their full beauty.

- | | |
|---|----|
| 97. CAUDATUS (Love Lies Bleeding) —Blood-red, drooping. h. a., 2½ ft. | 10 |
| 98. CRUENTUS (Prince's Feather) —Dark red feathery flowers. 2 ft.... | 10 |
| 99. MELANCHOLICUS RUBER —Blood red foliage; h. a., 2 ft..... | 10 |
| 100. TRICOLOR SPLENDENS (Joseph's Coat) —Green, red and yellow, h. a., 2 ft..... | 10 |
| 101. MIXED VARIETIES | 10 |
| 102. SALICIFOLIUS —Long, undulated foliage; highly ornamental for either bedding or pots. Height 3 ft..... | 10 |

AGERATUM

Dwarf, compact-growing plants, 6 to 12 inches high, flowering freely throughout the season from spring-sown seed; splendid for bedding, edgings or pots.

- | No. | Pkt. cts. |
|---|-----------|
| 103. BLUE PERFECTION —The darkest colored of all large-flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder..... | 10 |
| 104. LITTLE DORRIT WHITE —A new and really pure white Ageratum; forming round compact plants; about 6 inches high and literally a mass of flowers..... | 25 |
| 105. IMPERIAL DWARF BLUE —h. a. (azure blue), of very dwarf compact habit, particularly adapted for ribbon borders..... | 10 |
| 106. IMPERIAL DWARF WHITE —h. a. Similar to the preceding in habit. Flowers are white..... | 10 |
| 107. LITTLE BLUE STAR —A new variety of exceedingly dwarf and even growth. The tiny bushes do not exceed 4 or 5 inches in height and are densely covered with bright blue flowers..... | 25 |
| 108. MAUVE BEAUTY —A beautiful new mauve variety..... | 15 |

EVERYTHING FOR THE GARDEN-- Flower Seeds



GIANT FLOWERING ANTIRRHINUMS (OR SNAPDRAGON)

ASPARAGUS

A beautiful house plant. The Sprengeri is much admired in hanging pots.

114. PLUMOSUS NANUS—G..... 25
115. SPRENGERI NANUS—G..... 25

ANTIRRHINUMS

(OR SNAPDRAGON)

The plants are of healthy, robust growth, free and continuous blooming, producing long, graceful spikes of immense and durable pure colored flowers, either rich and brilliant or soft and dainty, as may be selected. Their continuous-blooming qualities, ease of culture and independence of heat and drought, and pure, bright colors, should entitle them to a permanent place in gardens. Spring-sown seed produces flowering plants by July, which continue to bloom in increasing profusion until frost. The flowers are nearly double the size of the older sorts. An effective bed may be formed by planting the center with the tall varieties, and the middle rows with the semi-dwarf, using the dwarf sorts for the border or outer edge: planted in a combination of separate colors the effect is very beautiful—although even a "Mixed" bed is a feast for the eyes: the plants should be placed 9 inches apart each way. Pinching out the tops—although it delays the beginning of flowering—forces the plants to branch out and ultimately gives better results. (See cut).

TALL GIANT-FLOWERING ANTIRRHINUMS

Splendid luxuriant growers 2 to 3 feet in height—with long spikes of immense flowers—very graceful and beautiful cut for vases.

- | No. | | Pkt. | cts. |
|------|---|------|------|
| 116. | PINK PEARL—White, edged pink..... | 10 | |
| 117. | QUEEN VICTORIA—Pure snow-white..... | 10 | |
| 118. | YELLOW—Pure yellow..... | 10 | |
| 119. | VENUS—Delicate rosy-pink and blush..... | 10 | |
| 120. | FAIRY QUEEN—Rich orange salmon or terracotta, with white throat, very striking..... | 10 | |
| 121. | ROSE DORE—A lovely new shade, a pretty self salmon rose, shaded gold..... | 10 | |
| 122. | RUBY—Rich ruby pink..... | 10 | |
| 123. | BONFIRE—Bright, cinnabar red and yellow.... | 10 | |
| 124. | NELROSE—(New). Rich coral pink..... | 25 | |
| 125. | FIREFLY—Crimson and yellow..... | 10 | |
| 126. | EWING'S TALL PRIZE MIXTURE..... | 10 | |
| 127. | Fine Mixed tall sorts..... | 10 | |

SEMI-DWARF GIANT-FLOWERING ANTIRRHINUMS

The plants are of compact, bushy growth, only 12 to 15 inches high, and are completely covered with flowers as large as the tall sorts throughout summer and fall.

- | | | |
|------|---|----|
| 128. | GOLDEN MORN—Raspberry red and old gold. | 10 |
| 129. | ROSY MORN—A lovely pale rosy pink..... | 10 |
| 130. | CARMINE QUEEN—Rosy-carmine..... | 10 |
| 131. | GOLDEN QUEEN—Golden-yellow and lemon .. | 10 |
| 132. | DELICATA—Light pink and blush-white..... | 10 |
| 133. | FLAME—(New). Lovely brilliant orange scarlet | 10 |
| 134. | DAINTY QUEEN—Salmon buff, bright yellow lip | 10 |
| 135. | CRIMSON KING—Bright crimson..... | 10 |
| 136. | BONFIRE—Orange and flame colour..... | 10 |
| 137. | THE BRIDE—Pure white..... | 10 |
| 138. | DEFIANCE—Deep vivid orange | 10 |
| 139. | FIRE KING—Orange and White | 10 |
| 140. | QUEEN OF THE NORTH—White with small pale yellow spot..... | 10 |
| 141. | EWING'S SEMI-DWARF PRIZE MIXTURE | 10 |

DWARF GIANT-FLOWERING ANTIRRHINUMS

Produce bushy plants, about 8 to 10 inches high, with flowers as large as the taller-growing sorts. Splendid for low beds—outer rows for taller varieties—or pot culture.

- | | | |
|------|------------------------|----|
| 142. | WHITE..... | 10 |
| 143. | CANARY YELLOW..... | 10 |
| 144. | BRILLIANT CRIMSON..... | 10 |
| 145. | ANTIQUÉ ROSE..... | 10 |
| 146. | RUBY PINK..... | 10 |
| 147. | MIXED | 10 |

AMMOBIUM

- | No. | | Pkt. | cts. |
|------|--|------|------|
| 109. | ALATUM GRANDIFLORUM—Valuable white Everlasting. The fully expanded flower has a yellow centre. Height 2½ feet..... | 10 | |

ANAGALLIS (Pimpernel)

- | | | |
|------|---|----|
| 110. | CHOICE MIXED VARIETIES—Trailing plant, looks handsome in pots or vases, h. a..... | 10 |
|------|---|----|

ARCTOTIS GRANDIS

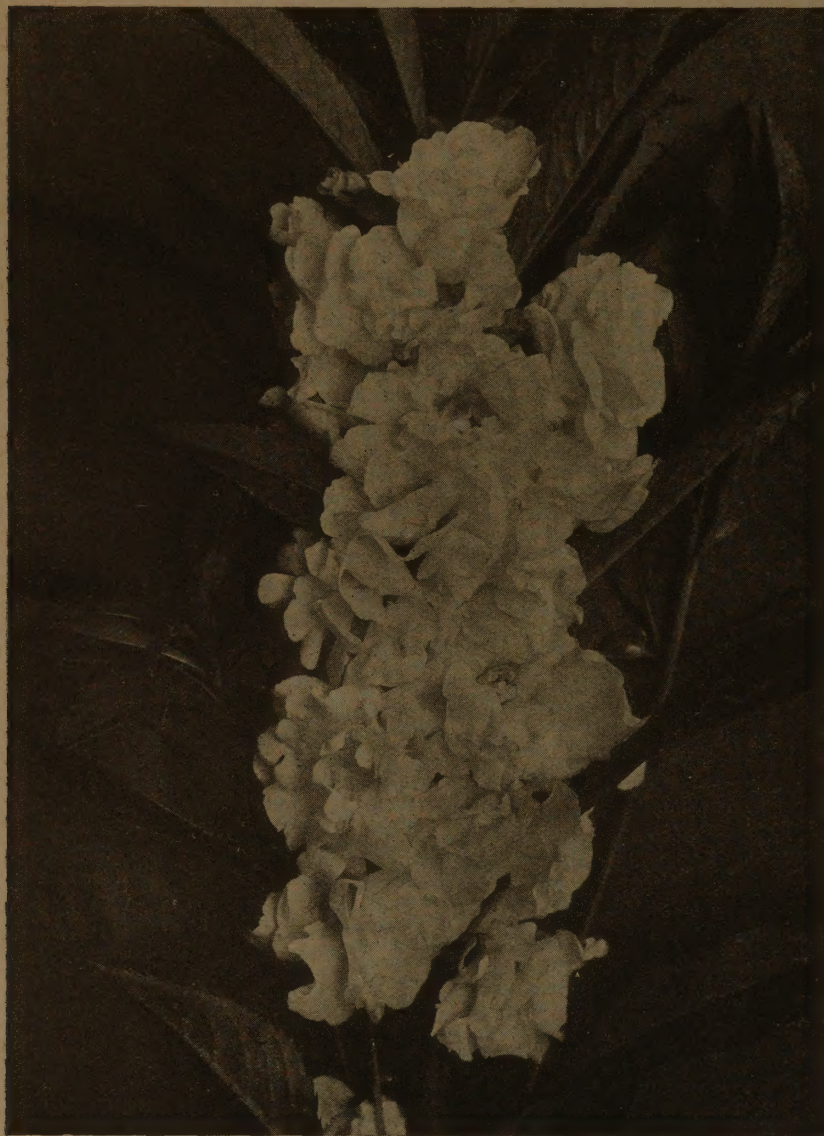
- | | | |
|------|---|----|
| 111. | Large pearly white Marguerite-like flower, with delicate mauve centre surrounded by a narrow golden band. The whole plant is covered with white down, and produces a striking effect in the border. Half-hardy annual. Height 2 feet..... | 15 |
|------|---|----|

ARGEMONE

- | | | |
|------|--|----|
| 112. | HYBRIDA GRANDIFLORA—These new large-flowering "Prickly Poppies" form branching plants about 3 feet high and 18 inches across. The large, single, Poppy-like flowers are white, cream, primrose and yellow. They are borne freely and continuously all summer long; the thistle-like foliage is of a grayish-green with silvery ribs..... | 15 |
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ASPERULA (Woodruff)

- | | | |
|------|---|----|
| 113. | AZUREA SETOSA—H. h. a., blue, 1 ft..... | 10 |
|------|---|----|
- Dense habit; beautiful light blue, sweet scented flowers. Suitable for bouquets.



EWING'S PRIZE BALSAM

BALSAM (IMPATIENS)

Balsams are showy and easily grown annuals forming bushy plants profusely covered with large double flowers of brilliant colors. Blooms all summer and autumn; height 1½ to 2 ft.

- | | | | |
|--|-----------|----------------------------|-----------|
| No. | Pkt. cts. | No. | Pkt. cts. |
| 148. EWING'S PRIZE MIXTURE—A superb strain saved from the finest flowers. In its extraordinary size, perfect form and brilliant colors, this fine strain of Balsam surpasses all others. Height, 2 ft. | 10 | 153. SCARLET | 10 |
| | | 154. PRINCE BISMARCK—Bril- | 10 |
| | | liant salmon-rose | 10 |
| | | 155. CHOICEST MIXED | 10 |
| | | 156. FINE DOUBLE MIXED | 10 |

DOUBLE CAMELLIA-FLOWERED BALSAMS.

The flowers, borne in wonderful profusion, resemble the camellia in form; most of the varieties are more than two inches in diameter.

- | | | | |
|------------------------|-----------|----------------------------|-----------|
| No. | Pkt. cts. | No. | Pkt. cts. |
| 149. LIGHT YELLOW | 10 | 153. SCARLET | 10 |
| 150. WHITE | 10 | 154. PRINCE BISMARCK—Bril- | 10 |
| 151. LILAC | 10 | liant salmon-rose | 10 |
| 152. ROSE SPOTTED | 10 | 155. CHOICEST MIXED | 10 |
| 156. FINE DOUBLE MIXED | 10 | | |

GOLDEN BARTONIA

- | | |
|--|-----------|
| No. | Pkt. cts. |
| 157. BARTONIA AUREA—Is a native of California, and one of our showiest annuals. It produces large single golden-yellow flowers which have quite a metallic lustre when the sun shines on them. A large cluster of yellow stamens adds to the effectiveness of the blossoms, which measure nearly 3 inches across, and are borne profusely all summer long, on bushy plants about 1 foot high. It succeeds best grown in masses so the foliage will shelter the ground from the hot sun. It will then thrive almost anywhere, but prefers a moist situation | 15 |

BEGONIAS Tuberous-Rooted Varieties

Magnificent flowering pot plants, and deservedly popular for garden bedding, flowering in the greatest profusion all summer. The individual florets will average from 2 to 3 inches in diameter, and are of various beautiful colors; height, 1 foot.

- | | |
|---|-----------|
| No. | Pkt. cts. |
| 158. EWING'S SINGLE PRIZE STRAIN—All colors | 25 |
| 159. EWING'S DOUBLE PRIZE STRAIN—All colors | 50 |
| 160. FRILLED AND PICOTEE EDGED—New giant-flowering single variety, having white and yellow blooms, with frilled or waved petals, distinctly edged with a narrow margin of bright carmine-rose | 35 |
| 161. VERNON (SEMPERFLORENS) Everblooming Bedding Variety—Bright orange-carmine flowers; deep red foliage | 25 |
| 162. REX, VARIETIES MIXED—Ornamental foliage of red, gold, green, bronze, etc. | 50 |

BEET (Ornamental)

- | | |
|--|----|
| 163. CRIMSON WILLOW-LEAVED—Fine dark ornamental leaved bedding variety, very elegant and graceful, narrow drooping foliage | 15 |
|--|----|

BRACHYCOME (or Swan River Daisy)

- | | |
|---|----|
| 164. IBERIDIFOLIA is a garden annual, making a compact bush, 8 inches high; single blue or white flowers in mixture. MIXED COLORS | 10 |
|---|----|

BROWALLIA (Amethyst)

Favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months, supplying a shade of intense blue very uncommon; grows freely in any rich soil; blooms finely in the winter if the plants are lifted in autumn and cut back. H. A.

- | | |
|--|-----------|
| No. | Pkt. cts. |
| 165. ELATA MIXED—Blue and white. 18 inches | 10 |

BRIDAL ROSE (Feverfew)

- | | |
|--|----|
| 166. This splendid variety of Matricaria Alba plenissima or "Double White Feverfew" forms bushy annual garden plants, bearing quantities of pure snow-white double flowers in dense clusters almost covering the oval plants with bloom; height, 8 inches. Very desirable for bedding and fine for cutting. H. h. a. | 10 |
|--|----|

CALENDULA

Popular garden annuals on account of their ease of culture and profuse and continuous blooming qualities throughout the summer. These improved varieties form bushy plants about 1 foot high by 1 foot in diameter, and are literally covered with exceedingly large, double showy flowers. The seed has been saved from only the largest and most perfect flowers of great depth and decided colors. H. a.

- | | |
|---|-----------|
| No. | Pkt. cts. |
| 167. METEOR—Large double yellow flowers striped with orange | 10 |
| 168. LEMON QUEEN—Large, double flowers of lemon-yellow | 10 |
| 169. PRINCE OF ORANGE—Extra double, orange | 10 |
| 170. MIXED VARIETIES | 10 |

CALANDRINIA

- | | |
|---|----|
| 171. GRANDIFLORA—Very beautiful dwarf-growing bushy annual for the flower garden, having fleshy leaves and umbels of large rose-colored flowers which expand into a perfect blaze of beauty if grown in a sunny situation; 1 foot | 10 |
|---|----|

CACALIA or Tassel Flower

- | | |
|---|----|
| An attractive border plant with brilliant orange-scarlet flowers. | |
| 172. H. a., 1½ ft. | 10 |

CALAMPELIS

- | | |
|---|----|
| T. a. Quick growing climber, with deep orange flowers and pretty foliage. | |
| 173. SCABRA | 15 |

CALCEOLARIA

Calceolarias are amongst the most useful plants for green-house decoration. They are not difficult to raise and make a splendid display.

- | | |
|---|----|
| 174. EWING'S PRIZE STRAIN—A giant flowered unexcelled strain of these gorgeous plants for greenhouse and window decoration. The immense pocket-shaped flowers are borne in the greatest profusion through spring and summer; colors, yellow, maroon, crimson, white, etc., spotted and blotched in the most unique fashion; 1½ feet | 50 |
| 175. CALCEOLARIA RUGOSA—A splendid bedding plant | 50 |

CANARY BIRD CREEPER

- | | |
|--|----|
| 176. A most charming annual climber. H. a. Both the pure yellow flowers and the leaves are beautiful. (Tropæolum Canariense) | 10 |
|--|----|

EVERYTHING FOR THE GARDEN-- Flower Seeds

CANDYTUFT



"CANDYTUFT"

Well-known dwarf, profuse flowering garden annuals, forming bushy plants 12 inches high, freely carrying large umbels of flowers.

- | No. | Pkt. | cts. |
|--------------------------------------|------|------|
| 177. CRIMSON | 10 | |
| 178. PURPLE | 10 | |
| 179. CARMINE | 10 | |
| 180. WHITE.....Oz.50c. | 10 | |
| 181. ROSE-CARDINAL—Pro- | | |
| duces very large umbels of | | |
| bright rosy-cardinal flow- | | |
| ers. The plant presents | | |
| one unbroken sheet of | | |
| bloom, 8 inches high.... | 10 | |
| 182. LARGE FLOWERING | | |
| MIXED—Oz. 50c..... | 10 | |
| 183. EMPRESS, or GIANT | | |
| WHITE HYACINTH- | | |
| FLOWERED — A grand | | |
| variety, producing enor- | | |
| mous spikes of bloom, re- | | |
| sembling a white Hyacinth. | | |
| These spikes often mea- | | |
| sure 7 in. long by 2 3/4 in. | | |
| in diameter; plant in | | |
| bloom 12 in. high. To | | |
| produce the finest spikes | | |
| the plant should be trans- | | |
| planted. Oz. 75c..... | 10 | |
| 184. LITTLE PRINCE—H. a. | | |
| New, 4 inches | 10 | |
| A charming dwarf sort, grow- | | |
| ing from 4 to 6 ins. high, producing | | |
| upright, branching spikes from the | | |
| main stem, of snow-white blooms, | | |
| in candelabra fashion. Either in | | |
| masses, groups or edgings, it pro- | | |
| duces a charming effect. | | |
| 185. DWARF HYBRIDS, | | |
| MIXED—A very dwarf | | |
| and compact type not over | | |
| 6 inches high and very | | |
| useful for the edge of bor- | | |
| ders, etc..... | 10 | |

CANNA

The large, handsome foliage and flowers of the Cannas render them highly ornamental. They are easy of growth and very popular, and justly so, as for outdoor or indoor decoration, few plants surpass them.

- | No. | Pkt. | cts. |
|---|------|------|
| 186. CROZY'S LARGE FLOWERED FRENCH HYBRIDS—Saved from | | |
| Crozy's finest and newest sorts. A grand strain..... | 15 | |

FOR PLANTS SEE PAGE 74

BULBS, PAGE 69

CARNATION

General favorites and always in fashion. Invaluable both for greenhouse culture in winter and for the garden in summer.

MARGUERITE GIANT FLOWERING CARNATION

EWING'S IMPROVED

These flower profusely summer and autumn from seeds sown in the Spring. The flowers of this wonderful strain often measure 3 inches across, and are usually quite double. The variety of color includes white, bluish, deep pink, salmon, carmine, scarlet, dark crimson, maroon and many beautiful variegated flowers. Most of them have lovely fringed petals, and are delightfully fragrant. Seeds sown in the spring will produce luxuriant plants that will be continually full of bloom from August until killed by severe frosts, or seeds may be sown during the summer for the winter-flowering plants.

- | No. | Pkt. | cts. | No. | Pkt. | cts. |
|--------------------|------|------|-----------------------------|------|------|
| 187. WHITE..... | 15 | | 189. PURE YELLOW..... | 15 | |
| 188. DARK RED..... | 15 | | 190. SPLENDID MIXED COLORS— | | |
| | | | Superb..... | 15 | |

CHABAUD'S GIANT FANCY PERPETUAL-FLOWERING CARNATIONS.

These creations of a French "Carnationist" surpass all the race in richness and variety of coloring, and are surprisingly beautiful. Plants thick-set and bushy; stalks stiff and upright, bearing immense double blossoms of perfect regularity, some with fringed edges, some smooth, some with rich solid colors, others tinted and blended, and others with featherings and picotee markings, and all perfuming the air with their sweetness; of incontestable merit for winter flowering and hardy enough for garden culture.

- | | |
|---|-----|
| 191. MIXED COLORS..... | 25. |
| 192. AMERICAN TREE (Perpetual)—Saved from the newest and finest | |
| named flowers of this perpetual strain—especially valued for winter | |
| blooming. All colors mixed..... | 50 |

(Carnations, Continued)

- | No. | Pkt. | cts. |
|---|------|------|
| 193. HARDY BORDER DOUBLE MIXED—A splendid hardy strain for out- | | |
| door culture, flowering the second season and producing a mass of flowers | | |
| in a great variety of colors..... | 25 | |
| 194. FINE MIXED—H. h. p..... | 10 | |

CASTOR OIL PLANTS (See Ricinus)

CENTRANTHUS

- | | |
|---|----|
| 195. MIXED—H. a., 1 ft. Good for mixed borders, useful for bouquets.... | 10 |
|---|----|

CENTROSEMA

- | | |
|--|----|
| 196. GRANDIFLORA—T. p. (Butterfly pea.) A climber of great beauty. | |
| Large, pea-shaped flowers ranging in color from rosy-violet to purple, | |
| with white markings..... | 10 |

CELOSIA PLUMOSA OR PLUMED COCKSCOMB

Forms pyramidal branching plants, 3 1/2 feet high, and bearing large, conical plumed heads of either golden-yellow, fiery-scarlet, purple, salmon, blood-red etc. The plants are annuals, growing easily and quickly from seed, and present a very showy appearance in the summer garden, lasting in bloom until frost. They are also very handsome grown in pots.

- | No. | Pkt. | cts. |
|---|------|------|
| 197. THOMPSONI MAGNIFICA—The finest feathered cockscomb yet in- | | |
| troduced. Flowers are of all colors from yellow to the deepest blood red. | | |
| A splendid decorative plant either in pots or open ground..... | 15 | |
| 198. CRIMSON PLUMED..... | 15 | |
| 199. GOLDEN PLUMED (Jaune d'Or)..... | 15 | |
| 200. PLUMOSA PYRAMIDALIS, MIXED | 10 | |

CENTAUREA IMPERIALIS IMPERIAL SWEET SULTAN

These beautiful giant flowering "Sultans" are grand improvements over the old varieties. They produce long-stemmed, exquisitely fringed blossoms 3 to 4 inches across of graceful effect and are delightfully fragrant. The colors vary from white and yellow through reds from pink to crimson and blues from lilac to purple, some having centres of a different color, as violet with white centre, etc. For bouquets and vases they are exceptionally beautiful.

If cut scarcely opened they will last for ten days in water. The plants are of the easiest culture, flowering freely in the garden the first summer from seed sown in the spring. They are of strong, bushy form, 2 to 3 feet high.

- | No. | Pkt. | cts. |
|----------------------|------|------|
| 201. WHITE — Satiny- | | |
| white flowers..... | 10 | |
| 202. YELLOW—Bright | | |
| yellow flowers..... | 10 | |
| 203. FAVORITA—Bril- | | |
| liant rose-colored | | |
| flowers..... | 10 | |
| 204. SPLENDENS — | | |
| Rich dark purple. 10 | | |
| 205. GRAZIOSA— | | |
| Deep lilac..... | 10 | |
| 206. IMPERIALIS — | | |
| Mixed Colors.... | 10 | |

CENTAUREAS.

- | | |
|-----------------------------------|----|
| 207. CANDIDISSIMA (Dusty Miller)— | |
| Silvery white | |
| leaves broadly cut. | |
| 1 ft., h. h. p..... | 15 |
| 208. GYMNOCARPA | |
| —Silvery foliage. | |
| Graceful arching | |
| leaves..... | 10 |
| 209. CENTAUREA | |
| CYANUS (Corn- | |
| flower), (Blue- | |
| bottle or Ragged | |
| Sailor) — Mixed | |
| colors..... | 10 |
| 210. CYANUS DOU- | |
| BLE-FLOW- | |
| ERED — Mixed | |
| Colors..... | 10 |



CENTAUREA IMPERIALIS



LARGE EARLY FLOWERING COSMOS

CARDINAL CLIMBER

The most beautiful and brilliant Annual Climber ever sent out.

- | | |
|---|-----------|
| No. | Pkt. cts. |
| 211. A strong, rapid grower, attaining a height of thirty feet or more, with beautiful fern-like lacinated foliage, covered with fiery cardinal-red flowers from midsummer till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of five to seven blossoms each. It delights in a warm, sunny situation and good soil. | 25 |

CHRYSANTHEMUMS

These improved varieties form bushy, compact, oval plants about 18 inches high, are of easy cultivation, and flower most abundantly during the summer; very showy garden annuals and fine for cutting.

- | | |
|---|----|
| 212. EVENING STAR—Sheeted with large, single golden-yellow flowers. | 10 |
| 213. MORNING STAR—Large cream-yellow flowers; profuse. | 10 |
| 214. WHITE STAR—Giant white flowers. | 10 |
| 215. MIXED SINGLE ANNUAL VARIETIES. | 10 |
| 216. FRUTESCENS or PARIS DAISY—Single perennial variety, with pure white flowers. 1 ft. G. | 10 |
| DOUBLE FLOWERING VARIETIES. | |
| 217. INODORUM PLENISSIMUM—Pure white. Fine for cutting. H. h. p., 1 ft. | 10 |
| 218. INODORUM (Bridal Robe)—Of very compact and upright habit and not exceeding 10 inches in height. Extra double pure white flowers. | 25 |
| 219. DOUBLE WHITE. | 10 |
| 220. DOUBLE YELLOW. | 10 |
| 221. MIXED—Double sorts. | 10 |

COLEUS

Effective foliage plant. Grown from seed, plant grows far larger and healthier than from cuttings.

- | | |
|--|----|
| 222. SPLENDID MIXED EXHIBITION—Saved from new varieties with large and superbly variegated foliage | 35 |
|--|----|

COSMOS

Cosmos has a striking effect amongst tall growing plants. Its beautiful large blooms are carried on long stems and the foliage is feathery and graceful. Should be sown early and potted off previous to planting in open ground.

GIANTS OF CALIFORNIA COSMOS The Glory of the Autumn Garden.

The flowers are often 4 inches across. The petals are broad and overlapping, and of splendid substance. For cutting this is one of the finest flowers grown. The long stems and feathery foliage lend themselves to graceful arrangements. 5 to 6 feet high.

- | | | | |
|-------------------|-----------|----------------------|-----------|
| No. | Pkt. cts. | No. | Pkt. cts. |
| 223. MIXED COLORS | 10 | 226. CRIMSON | 10 |
| 224. WHITE | 10 | 227. KLONDYKE Large, | 10 |
| 225. PINK | 10 | orange-color flowers | 10 |

LARGE EARLY-FLOWERING COSMOS.

Unfortunately, Giant Cosmos do not bloom until late in the season. This early-flowering strain begins blooming scatteringly in July, the quantity increasing gradually until August and from that time until frost the plants are a mass of flowers. The flowers average 3 inches across; 4 feet high.

- | | | | |
|--------------|-----------|------------------|-----------|
| No. | Pkt. cts. | No. | Pkt. cts. |
| 228. CRIMSON | 10 | 231. PURPLE | 10 |
| 229. ROSE | 10 | 232. LARGE EARLY | 10 |
| 230. WHITE | 10 | MIXED COSMOS | 10 |

LADY LENOX COSMOS

The highest development in Cosmos.

The long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap. Unsurpassed both for garden decoration and as cut flowers. Height 6 to 7 feet.

- | | |
|---|----|
| 233. LADY LENOX, PINK—Lovely shell-pink, lighting up well at night. | 10 |
| 234. LADY LENOX, WHITE—A fine pure white selection from the above. | 10 |

CLARKIA

Charming garden annuals. The flowers, of rose, white, red, purple, etc., borne in profusion during the summer; 1 to 2 feet.

- | | |
|---|----|
| 235. DOUBLE WHITE | 10 |
| 236. SCARLET QUEEN—Double flowers, intense orange scarlet. | 10 |
| 237. FIREFLY—Vivid, rose-crimson flowers, exceptionally double. | 10 |
| 238. PURPLE PRINCE—Fine rich purple double flowers. | 15 |
| 239. QUEEN MARY—Lovely rose-carmine flowers, very double. | 15 |
| 240. SALMON QUEEN—Double salmon-pink flowers | 10 |
| 241. VESUVIUS—Double orange-scarlet. | 10 |
| 242. MIXED—Double. | 10 |

CLIANTHUS

- | | |
|--|----|
| 243. DAMPIERI—Mixed. H. h. p. Greenhouse climber. Fine foliage and bright scarlet flowers. | 25 |
|--|----|

COBAEA Scandens

Elegant rapid-growing climbers, attaining a height of 20 feet. Particularly desirable for covering arbors, walls, etc. Can be grown in the conservatory in winter. Flowers large and bell-shaped.

- | | |
|-------------|----|
| 244. BLUE. | 15 |
| 245. WHITE. | 15 |

CINERARIA

These beautiful flowers should be in the greenhouse of every lover of flowers. They come into bloom during spring and early summer. Our Prize Strain is superb, and is grown by one of the greatest specialists of the present time.

- | | |
|---|----|
| 246. EWING'S PRIZE STRAIN—Beautifully formed flowers of large size and of exquisite and varied colors. | 50 |
| 247. GRANDIFLORA STELLATA (Star Cineraria)—Plants are of graceful habit, bearing small flowers in loose panicles. A most valuable plant for greenhouse decoration, 2 to 3 ft. | 35 |
| 248. MARITIMA—Silvery foliage. Much used as a border plant. H. h. p., 1½ ft. | 10 |

COXCOMB Celosia Cristata

Curious looking but ornamental flowers. Very attractive when mixed with other plants, or for pot culture. H. h. a.

- | | |
|--|----|
| 249. EMPRESS—Extremely large, beautifully formed combs of bright, velvety crimson. | 15 |
| 250. GLASGOW PRIZE—Crimson. Combs are of great size and well suited for competition. | 15 |
| 251. MIXED VARIETIES | 10 |

COLLINSIA

- | | |
|--|----|
| An attractive hardy annual either in beds or borders. Free-flowerer. | |
| 252. MIXED—H. a., 1 ft. | 10 |

CONVOLVULUS

See MORNING GLORY and JAPANESE MORNING GLORY

COREOPSIS or Calliopsis

The Coreopsis shows to best advantage in large masses. Pick off seed pods as they show; this will cause the plants to keep longer in bloom.

- | | |
|--|----|
| 253. LARGE FLOWERING VARIETIES, MIXED—H. a., 2 ft. | 10 |
| 254. DWARF FINEST MIXED—H. a., 1 ft. | 10 |



GROUP OF DIANTHUS OR PINKS

CUPHEA or Cigar Plant

- | | | |
|------|---|-----------|
| No. | | Pkt. cts. |
| 255. | Very floriferous, excellent for pots and borders. T. p. | 10 |

CYCLAMEN

The Cyclamen is amongst the most beautiful of winter and spring blooming greenhouse or parlor plants. Not only are the bright colored flowers exceedingly handsome, but the foliage is splendid.

- | | | |
|------|---|-----------|
| No. | | Pkt. cts. |
| 256. | PERSICUM WIGGINS PRIZE STRAIN—Extra choice mixed. | 25 |
| 257. | PERSICUM PAPILIO or BUTTERFLY. | 50 |

- | | | |
|------|-----------------------|----|
| 258. | EWING'S PRIZE STRAIN. | 75 |
|------|-----------------------|----|
- This strain has been established by years of continued selection of the very finest varieties. Produces blooms in extraordinary abundance, of great size, and most striking colors. A single plant has produced 300 blooms.

CYPERUS

- | | | |
|------|--|----|
| 259. | ALTERNIFOLIUS (Umbrella Plant)—Highly ornamental greenhouse perennial. | 25 |
|------|--|----|

DIANTHUS or PINKS

These are amongst the most decorative of border annuals, and their brilliant colors render them indispensable for summer bedding and to cut for bouquets and vases.

SINGLE VARIETIES.

- | | | |
|------|--|-----------|
| No. | | Pkt. cts. |
| 260. | "SALMON QUEEN"—The well-formed, nicely fringed flowers are a brilliant salmon color, changing into a salmon rose when fading. | 10 |
| 261. | VESUVIUS—Brilliant geranium-red, makes a very effective bed or border. | 10 |
| 262. | "CRIMSON BELLE"—Rich velvety crimson. | 10 |
| 263. | "EASTERN QUEEN"—Beautifully marked rose and mauve flowers. | 10 |
| 264. | PRINCESS PINKS (DIANTHUS PUNCTATUS)—Large, fringe-edged flowers of different ground colors over which are dotted and blotched different contrasting colors. Very unique and beautiful. | 10 |
| 265. | SINGLE FRINGED JAPANESE (DIANTHUS MIRABILIS)—Remarkable and distinct strain. Lovely, large flowers, 3 to 5 inches in diameter. The margins are deeply cut into strips of thread-like fringe; this fringe is turned and twisted in all directions. The colors are varied, from pure white and white with pink or red zones, to rose and deep purplish-red, even striped and mottled flowers are included. | 10 |
| 266. | HEDDEWIGII, MIXED (Japan Pinks)—Per oz., 75c. | 10 |
| 267. | LACINIATUS, MIXED. (Fringed Pinks)—Per oz., 75c. | 10 |

DOUBLE VARIETIES.

- | | | |
|------|--|----|
| 268. | LUCIFER—Large double orange-scarlet flowers with lacinated petals. | 10 |
| 269. | FIREBALL—Large, double brilliant red. | 10 |
| 270. | SNOWDRIFT—Very large and double, purest white. | 10 |
| 271. | SALMON QUEEN—Beautiful rosy-salmon, fine, large, double. | 10 |
| 272. | PINK BEAUTY—A beautiful double pale pink, very fine. | 10 |
| 273. | MOURNING CLOAK (White Frill)—Rich, blackish, velvety crimson, margined with pure white. | 10 |
| 274. | CHINENSIS, DOUBLE MIXED (China Pinks)—Per oz. 75c. | 10 |
| 275. | HEDDEWIGII, DOUBLE MIXED (Japan Pinks) | 10 |
| 276. | DIADEMATUS, DOUBLE MIXED (Diadem Pinks)—Various colors, all edged and marbled. | 10 |
| 277. | DOUBLE STRIPED AND FRINGED, MIXED (Laciniatus, fl. pl.)—Large double fringed flowers of various colors and markings. | 10 |
| 278. | DOUBLE FRINGED JAPANESE (Dianthus Mirabilis, fl. pl.)—Beautiful double flowers 3 to 4 inches across, with deeply cut and fringed petals; colors rich and varied from white to pink and red—some are self-colors, some zoned and others striped. The plants, 1 foot high, flower freely and are very showy. | 10 |
| 279. | SINGLE AND DOUBLE VARIETIES, MIXED. | 10 |

DAHLIA

Dahlias grow easily from seed, and bloom profusely. Their bright flowers of the most varied hues are splendid for vases in table decoration.

- | | | |
|------|--|-----------|
| No. | | Pkt. cts. |
| 280. | NEW DOUBLE GIANT "PAEONY FLOWERED"—The flowers of this grand and distinct Novelty are of enormous size, much resembling in appearance the bloom of a Double Tree Paeony. Superb mixture. | 25 |
| 281. | TOM THUMB DOUBLE—Finest mixed, h. h. p. 1½ ft. | 20 |
| 282. | EWING'S DOUBLE PRIZE MIXTURE—A splendid giant flowering strain, superb colors. | 25 |
| 283. | SINGLE VARIETIES—Finest mixture. | 15 |
| 284. | NEW SINGLE COLLARETTE—Has a row of short petals around the disc like a frill or collar. Mixed. | 15 |
| 285. | CACTUS VARIETIES IN SPLENDID MIXTURE. | 25 |

DATURA

The flowers of the Datura are large and trumpet-shaped.

- | | | |
|------|---------------------------|----|
| 286. | MIXED—Many sorts (3 ft.). | 10 |
|------|---------------------------|----|



ESCHSCHOLTZIA or California Poppies

Eschscholtzias are among our most beautiful and popular annuals, being of the easiest culture. From spring-sown seeds they flower profusely until late in the autumn, making them invaluable for bedding. The plants are of dwarf branching habit, about 1 foot high.

No.	Pkt.	cts.
293. CRIMSON KING—The best of the red-flowering varieties. Bright crimson, interior satiny-carmine	10	
294. ORANGE KING—The flower is of a deep orange yellow colour. A most vigorous grower.	10	
295. CARMINE KING—A beautiful rose-colored variety, in many instances as intense on the inside as on the outer petals	10	
296. "DAINTY QUEEN"—The color is a tender blush or pale coral pink, slightly deeper towards the edges, with a ground work of delicate cream, and is quite the same shade inside the flower as outside. Exquisite...	10	
297. MANDARIN—A splendid deep orange-crimson large flower	10	
298. GOLDEN WEST—Flowers are large and numerous. Bright yellow with large rayed blotch of deep orange at base of petals.	10	
299. SINGLE MIXED—All colors.	10	
300. DOUBLE MIXED	10	

ECHEVERIA

301. METALLICA—	50
Broad bronzy leaves and tall flower spikes. Invaluable for sub-tropical gardening.	

EUPHORBIA

302. VARIEGATA—H. a., 2 ft. Ornamental foliage	10
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EUTOCA

303. BLUE—H. a., 1 ft.	10
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FREESIA

304. HYBRIDA MIXED—Extremely valuable new varieties, with flowers in different shades of pink, rose, purple, blue, violet, orange, sulphur yellow, brown, etc., often delicately spotted and veined. They can be grown and forced as easily as the old white Freesias and may be had in bloom in 6 to 7 months from seed.	50
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FERNS

305. GREENHOUSE VARIETIES, MIXED	25
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No.	FUCHSIA	Pkt.	cts.
306.	Splendid mixture	30	

GAILLARDIA

Showy garden annuals, large flowers and splendid for cutting.

No.	Pkt.	cts.
307. LORENZIANA "THE BRIDE"—(New). The flower is cream white, very double, and borne on very long stalks, making it an ideal plant either for bedding or cut bloom	25	
308. LORENZIANA DOUBLE—Mixed. H. a., 1 foot.	10	
309. SINGLE MIXED VARIETIES	10	

GAZANIA (Treasure Flower)

310. NEW HYBRIDS MIXED—H. a., 1 ft. One of the finest bedding plants.	25
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GERANIUM

311. (PELARGONIUM) LARGE FLOWERED OR SHOW VARIETIES—Finest mixed	25
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No.	DELPHINIUM	Pkt.	cts.
287.	BLUE BUTTERFLY—A brilliant blue variety of compact habit which can be flowered as an annual if sown early. Excellent for small beds and as an edging to taller plants. Height 15 inches.	20	

DIMORPHOTHECA or African Daisy

288. GOLDEN AFRICAN DAISY (D. Aurantiaca)—An extremely showy annual of neat branching habit, grows about 12 inches high, flowering during the summer in continuous profusion. The single Daisy-like blossoms, 2½ inches in diameter, are brilliant orange, with a dark colored disk zoned black; well adapted for groups or borders; it stands the heat finely and produces its pretty flowers very early in sunny situations and will continue to flower during the summer.	10
289. HYBRID AFRICAN DAISIES—In growth and flower these new hybrids are like the parent, but they vary in color from white to red and tints of sulphur-lemon and golden-yellow, orange, reddish-yellow-salmon shades; many are marked with different colored zones.	15

DOLICHOS LABLAB (or Hyacinth Bean)

290. MIXED—T. a.	10
Will grow 20 ft. high, and in addition to the pretty flowers the seed pods are attractive.	

DRACAENA (Cordylina)

Graceful foliage plant, extensively used for vases and house decoration.			
291. AUSTRALIS—G.	25		
292. INDIVISA—G.	10		

No.	GERBERA or Transvaal Daisy	Pkt.	cts.
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312. ADNET'S NEW HYBRIDS—A French strain that has created a furore in the European floral world. The colors include a galaxy of incomparable delicacy and richness, in which an infinity of tints, from pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet are represented. Sometimes the coloring of the disk differs from that of the rays.	50
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GILIA

313. MIXED COLORS—H. a., 1 ft., neat growth	10
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GLOBE AMARANTH Gomphrena

314. CHOICE MIXED—H. h. a., 1 ft. "Everlasting Flower"	10
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GLOXINIA

Very charming greenhouse plant of dwarf habit and gorgeous colors.

315. EWING'S SUPERB PRIZE STRAIN—Saved from one of the finest collections in cultivation. Large flowers, beautiful colors.	50
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GOURDS

Useful for covering old stumps, walls, etc. Produce a great variety of curious fruit and have very luxuriant and ornamental foliage.

316. MIXED VARIETIES	10
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EVERYTHING FOR THE GARDEN -- Flower Seeds



"GAILLARDIA"
LORENZIANA DOUBLE
AND SINGLE

GODETIA

Showy garden annuals, of compact growth, about 1 foot high, bearing freely flowers 3 to 4 inches across, of exquisite colors and shades that glisten in the sunlight like satin. Splendid either bedded or grown in pots.

- | No. | | Pkt. cts. |
|------|--|-----------|
| 317. | MARCHIONESS OF SALISBURY—Of compact, bushy growth with exquisite rose-pink flowers edged with white. | 10 |
| 318. | SCHAMINI—Flowers double; lovely bright rose. | 10 |
| 319. | CRIMSON GLOW—Intense dazzling crimson. | 10 |
| 320. | LADY SATIN-ROSE—Bright, rose-colored flowers having glossy, satin-like petals. Height 9 inches. | 10 |
| 321. | ROSAMOND—A new sort, of dwarf habit and large, glossy shell-pink flowers; makes a beautiful border. | 10 |
| 322. | DUCHESS OF ALBANY—Satiny white. | 10 |
| 323. | GLORIOSA (Lord Roberts)—Large, satiny rich-glowing crimson. | 10 |
| 324. | SPLENDID MIXED—All sorts. | 10 |

GREVILLEA

- | | | |
|------|--|----|
| 325. | ROBUSTA (Silk Oak)—Graceful plant of easy culture and rapid growth. Fine for house decoration. | 10 |
|------|--|----|

GYPSOPHILA

- | | | |
|------|--|----|
| 326. | ELEGANS GRANDIFLORA WHITE—H. a., 1 ft. | 10 |
|------|--|----|
- GRASSES, ORNAMENTAL (See Last Page of Annuals).

HELIOTROPE (Cherry Pie)

A half-hardy perennial, flowering during the whole season: its delightful perfume makes it a most desirable bouquet flower: a splendid bedding plant, or can be trained as a greenhouse climber. Seed started indoors in the spring will make fine plants for summer blooming. Can also be sown outdoors in May.

- | No. | | Pkt. cts. |
|------|--|-----------|
| 327. | EWING'S SUPERB LARGE FLOWERING STRAIN—Mixed. A splendid strain of largest flowered sorts. H. h. p. | 15 |
| 328. | QUEEN MARGUERITE—Large trusses of dark blue flowers. Much more compact than the ordinary variety. | 20 |
| 329. | LEMOINE'S GIANT WHITE—Pearly-white. | 20 |

HELICHRYSUM

"Everlasting" flowers, which are of great value to dry for winter decoration in bouquets and vases.

- | No. | | Pkt. cts. |
|------|---|-----------|
| 330. | DOUBLE-FLOWERED DOUBLE CHOICE MIXED—H. h. a., 2 ft. | 10 |

HIBISCUS

- | No. | | Pkt. cts. |
|------|---|-----------|
| 331. | "ROSEUS" GRANDIFLORUS—Flowers of largest size, rose color, with a spot of purple in the centre. | 15 |
| 332. | GRANDIFLORUS "SUNSET"—Immense cup-shaped flowers, 6 inches in diameter; color, pale yellow, black centre. | 15 |

HONESTY (Lunaria Biennis)

- | No. | | Pkt. cts. |
|------|---|-----------|
| 333. | "SATIN FLOWER" or "MOONWORT"—H. h. b., 2 ft. Mixed. | 10 |

HONEYSUCKLE (French Hedysarum)

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|------|-----------------------|----|
| 334. | MIXED—H. h. b., 3 ft. | 10 |
|------|-----------------------|----|

HUMEA

- | | | |
|------|--|----|
| 335. | ELEGANS—Sweet scented foliage plant. Graceful drooping plumes of purple brown color. | 10 |
|------|--|----|

HUNNEMANNIA Bush Eschscholtzia

- | | | |
|------|---|----|
| 336. | FUMARIAEFOLIA—The "Giant Yellow Tulip Poppy." Plants are of bushy habit, and have beautiful feathery foliage. | 10 |
|------|---|----|

HOLLYHOCK

- | | | |
|------|---------------------|----|
| 337. | ANNUAL DOUBLE MIXED | 15 |
|------|---------------------|----|

IPOMOEA (See also Morning Glory)

Valuable climbers, remarkable for easy culture, quick growth and beautiful flowers. Including some of our most popular plants for covering verandahs and screening unsightly objects.

- | No. | | Pkt. cts. |
|-------|--|-----------|
| 338. | QUAMOCLIT (Cypress Vine)—Mixed. From 10 to 20 ft. Foliage and flowers are beautiful. H. a. | 10 |
| 339. | BONA-NOX (Evening Glory)—Large blue flowers and very fragrant. | 10 |
| 339a. | RUBRA-COERULEA (Heavenly Blue)—10 to 20 feet. Beautiful sky-blue flowers about 4 inches across. One of the most beautiful of climbing annuals. | 15 |
| 339b. | GRANDIFLORA (Moon-Flower Vine)—A splendid climber, and the most rapid-growing of all climbing vines. Immense pure white fragrant flowers literally cover the vines. Flowers open in the evening and remain so till noon the following day. | 15 |

ICE PLANT

- | | | |
|------|---|----|
| 340. | MESEMBRYANTHEMUM CRYSTALLINUM—H. h. a., 1 ft. Trail-ing plant; its stems having the appearance of being covered with ice; suitable for rockeries. | 10 |
|------|---|----|

IMPATIENS (ZANZIBAR BALSAM)

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|------|---|----|
| 341. | HOLSTII HYBRIDS—Mixed colors. Handsome plants from East Africa, forming bushes 12 to 18 inches high. The flowers, 1½ to 1¾ inches across, are of scarlet, orange-red, pink and white with a red eye. The plants grow luxuriantly out-of-doors and form effective and unusually showy flower beds by their great abundance of bloom. If grown in pots they are equally effective. Sown in heat in March the seedlings may be planted out end of May and will be continuously in bloom from June until the frost destroys them. | 25 |
| 342. | SULTANI—Flowers of brilliant rosy-scarlet color. | 25 |

JACOBAEA

Splendid dwarf bedding plants of rich colors and uniform height.

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|------|---------------------------|----|
| 343. | DWARF DOUBLE MIXED COLORS | 10 |
|------|---------------------------|----|

KOCHIA or Summer Cypress

An old-fashioned popular annual, sometimes known as Belvidere Mock Cypress, Mexican Fire Plant, etc. It is easily grown from seed—forming oval bushes 2 to 2½ feet high, densely clothed with small feathery, light green foliage, deepening in color as the summer advances until the whole plant assumes a fiery-crimson hue. The small numerous flowers borne in the fall are also of a bright red color. An attractive plant at all times, either in garden beds or in pots.

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|------|---|----|
| 344. | Placed at intervals in beds of Sweet Alyssum or among "Dusty Millers," the effect is very fine. | 10 |
|------|---|----|

LANTANA

A remarkably handsome free-flowering plant attractive in beds and well suited for pot culture. Verbena-like heads of richly colored flowers.

- | No. | | Pkt. cts. |
|------|----------------|-----------|
| 345. | SPLENDID MIXED | 10 |



KOCHIA

LARKSPURS

This is one of the best known of garden flowers and in recent years a vast improvement has been effected, by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubbery border. They stand well when cut, and a vase of one or mixed colors is indeed charming.

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|------|---|-----------|
| No. | | Pkt. cts. |
| 346. | DWARF GERMAN ROCKET—Mixed. H. a. 1 ft. | 10 |
| 347. | EMPEROR—1½ ft. Very elegant candelabra habit, with short branches, choice mixed double. | 10 |

GIANT HYACINTH FLOWERED LARKSPUR

A much improved type of the Dwarf Rocket class. The splendid flowers are very large, very double, and of various beautiful colors, shades and markings, borne on spikes like immense Hyacinths: height, 15 to 18 inches.

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|------|---------------------------------------|-----------|
| No. | | Pkt. cts. |
| 348. | GIANT HYACINTH-FLOWERED—Mixed Colors. | 10 |

TALL DOUBLE STOCK-FLOWERED LARKSPUR

The finest variety with splendid spikes of beautiful double flowers. 2½ to 3 feet.

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|------|--|-----------|
| No. | | Pkt. cts. |
| 349. | ROSY SCARLET—A superb colour in Larkspurs; as a dinner-table decoration it is unsurpassed. | 10 |
| 350. | BLUE—Deep rich colour. | 10 |
| 351. | WHITE—A popular variety of this favourite class of Larkspur. | 10 |
| 352. | MIXED—Very rich mixture of all the brightest colours. | 10 |

For perennial varieties of Larkspur see Delphinium in perennial seed list.

LAVATERA (Annual Mallow)

Handsone, profuse-flowering plants for beds and borders, remaining long in beauty. One of the most striking annuals grown.

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|------|--|-----------|
| No. | | Pkt. cts. |
| 353. | SPLENDENS "SUNSET"—This new variety "Sunset," we claim to be a great advance on any Lavatera yet introduced, the charming brightness of its color, a very deep rose pink, being most effective. The habit of the plant is also an improvement on any other variety in commerce, growing to a height of 2 to 2½ feet, and more compact. Very useful for beds, and as a cut flower it lasts a considerable time. | 25 |
| 354. | ROSEA SPLENDENS—Magnificent flowers of a beautiful rosy pink. | 15 |
| 355. | ALBA SPLENDENS—Flowers large, glossy, pearly white. | 15 |

LEPTOSIPHON

Adapted either for beds or edgings; succeeds well in the shade. Very pretty.

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|------|---------------------------------------|-----------|
| No. | | Pkt. cts. |
| 356. | CHOICE MIXED HYBRIDS—H. a., 4 inches. | 10 |

LINUM

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|------|--|----|
| 357. | GRANDIFLORUM RUBRUM—H. a., 1 ft. One of the best hardy annuals. Large flowered scarlet Flax. | 10 |
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LINARIA (Toad Flax)

Charming free-flowering hardy annuals, beautiful in beds and borders. Flowers prized for cutting.

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|------|---|-----------|
| No. | | Pkt. cts. |
| 358. | CYMBALARIA (or Kenilworth Ivy)—Violet. G. Trailing plant. | 10 |
| 359. | MAROCCANA HYBRIDA EXCELSIOR, MIXED—Very choice, fine improvement. | 15 |

LOPHOSPERMUM

- | | | |
|------|---|----|
| 360. | SCANDENS—A charming ever-green climber, bearing handsome rosy purple flowers. | 10 |
|------|---|----|

LOVE LIES BLEEDING

(See AMARANTHUS)

LUPINS

Elegant racemes of flowers, much prized for cutting.

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|------|--------------------------|-----------|
| No. | | Pkt. cts. |
| 361. | MIXED SORTS—H. a., 2 ft. | 10 |

LOBELIA

The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging baskets, etc., blooming profusely from June to November.

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|------|--|-----------|
| No. | | Pkt. cts. |
| 362. | CRYSTAL PALACE COMPACTA—Rich deep blue; dark foliage; the finest dark blue for bedding. | 10 |
| 363. | EMPEROR WILLIAM—A very compact variety; sky-blue flowers. | 10 |
| 364. | WHITE GEM—Forms a perfect ball of snow-white flowers. | 10 |
| 365. | ROYAL PURPLE—A distinct and beautiful Lobelia. The plants are unusually dwarf and compact, and the rich, purple-blue flowers have a conspicuous white eye. | 10 |
| 366. | GRACILIS—Light blue; light green foliage; trailing. | 10 |
| 367. | TENUIOR—Of upright habit, about 15 inches high, with very large flowers of rich cobalt blue with white eye. Splendid for pots or bedding. | 15 |
| 368. | HYBRIDA "SAPPHIRE"—The flowers are unusually large, and of a deep sapphire blue, enhanced by a clearly defined pure white eye, displayed in long graceful sprays often attaining a length of 2 feet. A splendid plant for baskets or balcony decoration. | 30 |

MAIZE

Leaves small and neat habit of growth, and can be used for small groups for ribbon borders.

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|------|--|-----------|
| No. | | Pkt. cts. |
| 369. | JAPONICA FOL. VARIEG.—Striped Japanese Maize, best strain. 4 ft. | 10 |
- (MALLO—See Lavatera)

MALOPE

Showy plants for large mixed borders. Flowers are large and handsome, bell-shaped

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|------|--------------------------------|----|
| 370. | GRANDIFLORA MIXED—H. a., 2 ft. | 10 |
|------|--------------------------------|----|

MARIGOLD African

Magnificent border plants of fine bold aspect and large handsome blossoms.

- | No. | | Pkt. cts. |
|------|---|-----------|
| 371. | EWING'S SUPERB PRIZE STRAIN —These grand African Marigolds produce densely double flowers, 8 to 10 inches in circumference, and of the regularity and perfection of a Dahlia. A highly meritorious feature is the compact habit of the plants, which form dense bushes 18 inches high by 2 feet across. For effective garden display during the summer and autumn months, nothing can surpass the gorgeous masses of color of this grand strain..... | 15 |
| 372. | ORANGE "DOBBIE'S PRIZE STRAIN" —Immense double flowers. Superb..... | 15 |
| 373. | LEMON "DOBBIE'S PRIZE STRAIN" —Immense double flowers. Superb..... | 15 |
| 374. | MIXTURE LARGE FLOWERING SORTS | 10 |

MARIGOLD French

- | | | |
|--|--|----|
| 375. | EWING'S DWARF SCOTCH PRIZE STRAIN —H. a., $\frac{3}{4}$ ft. mixed..... | 15 |
| Lovely shades of color. Being dwarf and erect in habit, is suitable for bedding. Superb. | | |
| 376. | EWING'S TALL SCOTCH PRIZE STRAIN —Mixed, from prize flowers only, very special selection of extra large and well-marked flowers. Superb..... | 15 |
| 377. | LEGION OF HONOR —New, single. Compact and free flowering. A most striking variety. Flowers bright yellow, with clear, distinct dark velvety crimson blotches..... | 10 |
| 378. | DWARF FINE MIXED DOUBLED — $\frac{3}{4}$ ft. Of neat growth. | 10 |
| 379. | SUPERB MIXTURE LARGE FLOWERING SORTS | 10 |

MARVEL OF PERU (MIRABILIS) (Four O'Clock)

Glossy green foliage with beautifully colored flowers. A striking and effective plant. Treat as an annual.

- | No. | | Pkt. cts. |
|------|-------------------------------------|-----------|
| 380. | FINE MIXED —H. a., 2 ft..... | 10 |

MARTYNIA

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|------|--|----|
| 381. | H. h. a., $1\frac{1}{2}$ ft. Sweet-scented, crimson-purple flowers, followed by yellow horn-shaped fruit, used for pickling..... | 10 |
|------|--|----|

MAURANDIA

- | | | |
|------|--|----|
| 382. | BARCLAYANA —Beautiful, rapid, slender-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house, take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet, mixed colors, including purple, blue, white and rose..... | 10 |
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MESEMBRYANTHEMUM

(See also Ice Plant)

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|------|---|----|
| 383. | CORDIFOLIUM VARIEGATUM —T. p., $\frac{1}{2}$ ft. Rose. A valuable dwarf plant for vases, beds or edgings. Leaves are cream-colored, tinted with green..... | 10 |
|------|---|----|

MIMULUS

Showy, profuse flowering plants; fine for greenhouse or moist shady situations; half hardy perennials, blooming the first year from seed if sown early; 1 foot.

- | No. | | Pkt. cts. |
|------|--|-----------|
| 384. | QUEEN'S PRIZE (Heaths) —Very large flowers with splendid markings, many colors, including deep and pale rose, finest and largest..... | 15 |
| 385. | MUSK (Mimulus Moschatus) —Trailing habit of growth.. | 10 |

MOMORDICA

- | | | |
|------|---|----|
| 386. | BALSAMINA (Balsam Apple) —Annual climber; 15 feet; bearing ornamental orange-colored fruits with red interiors.. | 10 |
|------|---|----|

MUSA ENSETE

- | | | |
|--|--|----|
| 387. | T. P. GREENHOUSE or LAWN PLANT (Abyssinian Banana) —A grand large foliage plant for tubs in warm greenhouses or for sub-tropical bedding outdoors in summer | 25 |
| MATRICARIA (Feverfew) —See BRIDAL ROSE. | | |
| MOONFLOWER —See IPOMOEA. | | |



NEMOPHILA

Splendid annuals about 1 foot high for garden decoration; clusters of bright colored flowers in shades of blue, white and violet, margined, dotted, etc., borne freely all summer long if grown in a rather cool partially shaded situation.

No.	Pkt. cts.
388. MIXED COLORS.....	10
389. INSIGNIS—Clear light blue.....	10

NEMESIA

390. SUTTONI IMPROVED MIXED—A very pretty annual, which does best in a cool position; the plants grow about a foot high and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. Seed sown in the autumn makes beautiful pot plants for early spring blooming; mixed colors..... 25

NIEREMBERGIA (CUP FLOWER)

391. FRUTESCENS—Flowers white to bluish shaded lavender with yellow centre..... 10

MIGNONETTE (Reseda)

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowings made in April and again in July, will keep up a succession from early summer until frost; can also be grown in pots for winter and early spring flowering.

- | No. | Pkt. cts. |
|--|-----------|
| 392. DEFIANCE—When grown under favorable conditions spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities, retaining their grace and fragrance until every bud opens..... | 10 |

393. RED GOLIATH—One of the finest, being of strong growth, healthy and deep-rooting. The average spikes of flowers are immense, measuring 6 to 8 inches long by 2½ inches in diameter, and are compactly filled with giant florets, measuring ½ inch across and packed full, even in the center, with anthers, or three times as many as the older Mignonettes contain, consequently this variety is correctly called a double Mignonette. The color of the florets—fire-red—is strengthened on account of the density of the florets and spikes, thus presenting almost solid columns of brilliant red, effectively contrasted against the healthy, rich green foliage. The fragrance is delightfully rich and powerful. For cutting it is perfection, remaining fresh for 8 to 10 days in water..... 15

394. WHITE GOLIATH—The double white-flowering counterpart of the splendid "Red Goliath" offered above..... 15

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|---|----|
| 395. MACHET "Improved Giant"—This improved Machet Mignonette produces broad cone-shaped spikes of very fragrant red flowers on strong stems, dressed with vigorous foliage, evenly branched and of continuous-blooming habit; one of the best for either garden or pot culture. Oz. \$1.00..... | 10 |
|---|----|

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|--|----|
| 396. IMPROVED RED VICTORIA—Fine spikes of bright red. A most useful and desirable variety. Oz. \$1.00..... | 10 |
|--|----|

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|---|----|
| 397. LARGE-FLOWERING PYRAMIDAL—Flowers large, of a reddish tint. A good variety for the open ground. Oz. 25c..... | 10 |
|---|----|

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|---|----|
| 398. GOLDEN QUEEN—Gorgeous yellow spikes of bloom; dwarf in growth and a profuse bloomer..... | 10 |
|---|----|

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|---|----|
| 399. MIGNONETTE, LARGE-FLOWERING—The popular fragrant garden annual. Oz. 50c..... | 10 |
|---|----|

MATTHIOLA

- 399a BICORNIS (Evening-scented Stock). This old fashioned annual has no beauty to recommend it, the flowers being a dull purplish lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening..... 10



MIGNONETTE "GOLIATH"

NICOTIANA (Tobacco Plant)

- | | |
|--|----|
| 400. AFFINIS—Large pure white, tubular-shaped flowers, deliciously scented morning and evening. 3 ft..... | 10 |
| 401. AFFINIS HYBRIDS—The plants and flowers are similar in habit and form to those of the popular white-flowering fragrant "N. affinis," but the flowers of these new hybrids are much larger, measuring from 1½ to 2 inches across, and very fragrant. Colors, purple, white, dark red, light red, salmon, crimson, violet, rose and pink. Mixed..... | 10 |
| 402. SYLVESTRIS—5 ft. pure white flowers. Sweet scented..... | 15 |
| 403. SANDERÆ—Carmine, red flowers..... | 10 |
| 404. SANDERÆ HYBRIDS—Mixed..... | 10 |

NIGELLA (Love-in-a-Mist)

Lovely garden annuals growing in oval bush form, about 12 to 15 inches in height. In the finely cut Fern-like green foliage nestle numerous large double flowers of light blue or white. The charming effect having suggested the popular names of "Love-in-a-Mist," "Devil-in-a-Bush," etc.

- | No. | Pkt. cts. |
|--|-----------|
| 405. MISS JEKYLL (Blue)—Large, double, light blue..... | 10 |
| 406. MISS JEKYLL (White)—Pure white flowers..... | 10 |
| 407. DAMASCENA (Double Mixed)—The tall type..... | 10 |

MORNING GLORIES

See also IPOMEEA

Who does not love the Morning Glory? It has long been a favorite for shading porches, covering screens, etc. It is one of the most free-flowering and rapid growing plants in cultivation. The foliage is a dark green, and the freshness and delicacy of the flowers fully make up for their fugitive character.

CONVOLVULUS MAJOR

No. 408. ALL COLORS MIXED—The ever popular old-fashioned climbing Morning Glory. Oz. 25c 10 Pkt. cts.

JAPANESE MORNING GLORIES

The robust vines attain a great height. The foliage is luxuriant, distinct and varied.

But the surpassing charm of these "Giant Japanese Morning Glories" lies in the entrancing beauty and large size of the flowers; they measure from 3 to 4 inches across. There are reds from soft rose to crimson and garnet; daintiest blue to purple; snow-white to silver-gray, new terra-cotta and coffee-colored shades. Some flowers are striped, blotched and spotted; others have magnificent edges and throats.

409. EWING'S JAPANESE IMPERIAL GIANT MIXTURE Oz. 50c 15

DOUBLE-WHITE MORNING GLORY

"Snow Fairy"

410 A very novel and beautiful Morning Glory—producing freely and all summer long—large pure white double flowers 2 1/2 to 3 inches across; the funnel-like center being surrounded by numerous small curled petals—the whole flower being of tassel-like effect. Oz. 50c 15

BRAZILIAN MORNING GLORY

411. "IPOMEEA SETOSA"—It grows with the greatest vigor and luxuriance. The leaves are 8 to 12 inches across, overlapping each other and making a dense shade. The vine is covered with short reddish hairs which, with its immense leaves and large clusters of curious seed capsules, render it highly ornamental. 15

DWARF MORNING GLORIES (Convolvulus Minor)

412. ALL COLORS MIXED—Oz. 25c 10

MINA LOBATA

412a A fine annual climber which grows very rapidly to a height of 20 to 30 feet in a season. Mina is one of our best climbers, the leaves are of good size and dense, and the flowers are freely borne in clusters; orange red. Useful for arbor, trellis, etc. 15

JAPANESE MORNING GLORY

NASTURTIUM

For ease of culture, duration of bloom, brilliancy of coloring and general excellence nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. No annual will produce such a lavish profusion of flowers for so long a time, with the same small outlay of time and labor. The maximum of bloom is produced in light or sandy soils and seldom diminishes through the hot weather. The varieties offered below were selected from a very large number of sorts as the best and most distinct.

TALL OR CLIMBING VARIETIES.

TROPAEOLUM MAJUS.

For covering trellises, fences, arbors, piazzas, trailing from vases, over rock-work, etc., nothing can equal the gorgeous effect produced by their marvelous quantities of bloom.

No. 413. QUEEN ALEXANDRA—Blood red, marbled and mottled, variegated leaved. Oz. 25c 10 Pkt. cts.
414. CRIMSON BEAUTY—Crimson. Oz. 25c 10

No. 415. COCCINEUM—Scarlet. Oz. 25c 10 Pkt. cts.
416. HEMISPHERICUM—Orange, handsome. Oz. 25c 10
417. KING THEODORE—Dark crimson flowers with dark leaves. Oz. 25c. 10
418. VESUVIUS—Salmon color with dark leaves. Oz. 25c 10
419. PEARL—(Moonlight). Creamy White. Oz. 25c 10
420. SUNLIGHT—Bright yellow. Oz. 25c 10
421. EWING'S SPLENDID MIXTURE OF ALL VARIETIES—Lb. \$2.50; 1/4 lb. 75c; oz. 25c 10
422. HYBRIDS OF MADAME GUNTER—This fine strain contains many novel colors, such as odd shades of salmon-pink, rose, reds, yellows, etc. Strong growers and very free-flowering. Oz. 25c 10
423. IVY-LEAVED TALL OR CLIMBING—Beautiful leathery dark-green foliage resembling that of the English Ivy against which the various colored, fringed flowers make a fine contrast. Mixed colors. Oz. 30c 10
424. LOBBIANUM—Mixed Hybrids. Oz. 25c 10

(Continued next page)

THE WILLIAM EWING CO., LIMITED

NASTURTIIUMS—contd.

DWARF OR BEDDING VARIETIES

These Grand Bedding Nasturtiums have large flowers in a great variety of new and charming combinations of colors, while the brilliancy and velvety richness of the self-colored sorts have been greatly enhanced. For summer flower beds nothing can surpass them; the plants form perfect mounds about one foot high by one foot across. Seed sown in the open ground in the spring will produce plants that commence blooming during early summer and continue until frost.



EWING'S
SUPERB
NASTURTIIUMS

- | No. | Pkt. | cts. |
|---|------|------|
| 425. FELTHAM BEAUTY—Very showy brilliant scarlet flowers, standing well above the pale green foliage. Oz. 30c..... | 10 | |
| 426. GOLDEN KING—Rich golden yellow. Oz. 30c..... | 10 | |
| 427. "FIREBALL"—A new and distinct variety; flowers a deep Orange Scarlet showing well above the small dark green foliage, and very free-flowering and compact. A grand advance in dwarf bedding Nasturtiums. Oz. 50c.. | 10 | |
| 428. GOLDEN CLOTH—Yellow foliage, scarlet flowers. Oz. 30c. | 10 | |
| 429. KING OF TOM THUMBS—Leaves bluish green, flowers brilliant scarlet. Oz. 35c. | 10 | |
| 430. QUEEN OF TOM THUMBS—White marbled foliage, crimson flowers Oz. 35c..... | 10 | |
| 431. BRONZE—Beautiful coppery bronze (distinct). Oz. 30c..... | 10 | |
| 432. CRIMSON—Oz. 30c..... | 10 | |
| 433. SCARLET—Oz. 30c..... | 10 | |
| 434. LADY BIRD—Rich golden yellow ground color, spotted with bright crimson. Oz. 30c..... | 10 | |
| 435. PEARL—Creamy white. Oz. 30c.. | 10 | |
| 436. PRINCE HENRY—Yellow marbled with scarlet. Oz. 30c..... | 10 | |
| 437. CRYSTAL PALACE GEM—Sulphur yellow, maroon spots. Oz. 30c.... | 10 | |
| 438. KING THEODORE—The darkest (black brown). Oz. 30c..... | 10 | |
| 439. EMPRESS OF INDIA—Dark leaves, with deep crimson flowers. Oz. 30c. 10 | | |
| 440. RUBY KING—Dazzling ruby shade. Oz. 30c. | 10 | |
| 441. EWING'S SPLENDID MIXTURE OF ALL VARIETIES—1 lb. \$3.00; ¼ lb. 90c.; oz. 30c..... | 10 | |
| 442. IVY-LEAVED DWARF OR BEDDING—Beautiful dark green, Ivy-like foliage composing into an effective setting for the lovely flowers of various colors. Fine for either bedding, edgings or pot culture. Mixed Colors. Oz. 30c..... | 10 | |

OENOTHERA (or Evening Primrose)

These are among our most beautiful plants for mixed garden beds and borders. They grow in branching form 1 to 2 feet in height and produce freely and continuously large single Poppy-like flowers of white, yellow, rose color, etc. The blossoms open early every evening and last well into the following day. They are of the easiest culture in any sunny situation.

- | No. | Pkt. | cts. |
|----------------------------------|------|------|
| 443. MIXED ANNUAL VARIETIES..... | 10 | |

OXALIS

- | | |
|---|----|
| 444. ROSEA—H. h. p., ½ ft. Bright rose-colored blossoms and pretty foliage. Good for hanging baskets..... | 10 |
|---|----|

PENTSTEMON

Is a perennial but won't survive our severe winters, so has to be treated as an annual and sown early in spring, or by lifting plants in the fall.

- | No. | Pkt. | cts. |
|--|------|------|
| 448. EWING'S SUPERB LARGE FLOWERING, MIXED—A Giant Gloxinia-flowered type. The graceful spikes, about 2 feet high, are decked with flowers, two inches across, from July until frost. The colors and markings are gorgeously varied from pink to scarlet and maroon, all beautifully blotched and veined with other colors; a large white throat further enlivens and intensifies the surrounding colors. They deserve a prominent place in every garden | 15 | |

PINKS—See DIANTHUS.

PRINCE'S FEATHER—See AMARANTHUS.

PASSION-FLOWER

(Passiflora Coerulea Grandiflora)

- | | |
|--|----|
| 445. Greenhouse perennial vine, beautiful large violet and blue flowers | 10 |
|--|----|

PERILLA

- | | |
|---|----|
| 446. NANKINENSIS—H. h. a., 1½ ft. Ornamental foliage. Has dark mulberry-colored leaves..... | 10 |
|---|----|

YELLOW-LEAVED PYRETHRUM or GOLDEN FEATHER

Dwarf plants about 8 inches high extensively used for ribbon and carpet bedding; foliage of bright yellow. Usually grown as annuals.

- | | |
|--|----|
| 447. AUREUM (Golden Feather)—Yellow foliage; ¾ foot..... | 10 |
|--|----|

PORTULACA

Brilliant garden annuals, 6 inches high, luxuriating in warm, dry, sunny situations, and blooming profusely from early summer to autumn. For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink, striped, white, etc.

- | | |
|---|----|
| 449. DOUBLE, MIXED COLORS—These make perfectly gorgeous masses of color; the flowers of the double sorts are like little roses..... | 10 |
| 450. SINGLE SCARLET..... | 10 |
| 451. SINGLE WHITE..... | 10 |
| 452. SINGLE YELLOW..... | 10 |
| 453. SINGLE MIXED COLORS..... | 10 |

SEE PAGE 1 FOR

Ewing's Famous Mixtures of Lawn Seeds.

PETUNIAS

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a good soil and sunny position. We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavor to improve each year by careful selection and hybridization.

SINGLE LARGE-FLOWERING PETUNIAS

- | No. | | Pkt. cts. |
|------|---|-----------|
| 454. | EWING'S SUPERB GIANTS OF CALIFORNIA —A magnificent strain. Saved specially for us from brilliant collection. Most of the flowers are exquisitely ruffled or fringed on the edges, and all are of enormous dimensions, 4 to 5 inches across, but their great merits lie in the tremendous variety of colors, shades and markings, in most beautiful combinations. Some colors are rich and gorgeous and others of lovely delicate shades..... | 35 |

- | No. | | Pkt. cts. |
|------|---|-----------|
| 455. | SUPERB GIANT WHITE —Extra large white variety with tinted yellow throat..... | 35 |
| 456. | SUPERB GIANT CRIMSON —Enormous crimson flowers..... | 35 |
| 457. | SUPERB GIANT ROSE —Brilliant. A splendid variety..... | 35 |

- | No. | | Pkt. cts. |
|------|---|-----------|
| 458. | EWING'S PRIZE STRAIN OF SUPERB SINGLE FRINGED VARIETIES —Saved from the finest flowers; of very large size and beautiful shape; deep-throated and of varied and brilliant colors, and beautifully fringed..... | 35 |

COMPACT SINGLE BEDDING PETUNIAS

(*P. Nana Compacta Multiflora*.)

Dense, bushy little plants, only about 8 inches high; the flowers, while not large, in their profusion fairly hide the plants; beautiful for garden beds, edgings and pots.

- | No. | | Pkt. cts. |
|------|---|-----------|
| 459. | HOWARD'S STAR —A beautiful free-flowering strain, color crimson-maroon with a clearly-defined five-pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine..... | 15 |

PETUNIA—EWING'S SUPERB
"GIANTS OF CALIFORNIA"

- | No. | | Pkt. cts. |
|------|---|-----------|
| 460. | ROSY MORN —Soft carmine-pink with white throat; makes a very dainty and at the same time effective border..... | 15 |
| 461. | DWARF INIMITABLE (Star Petunia) —Compact growing variety; flowers cherry-red with a white centre..... | 15 |
| 462. | SNOWBALL —A fine compact sort, producing its pure satiny-white flowers throughout the entire season..... | 15 |
| 463. | SUPERB DWARF, MIXED —Mixed seed of dwarf, compact varieties only..... | 15 |

BEDDING PETUNIAS

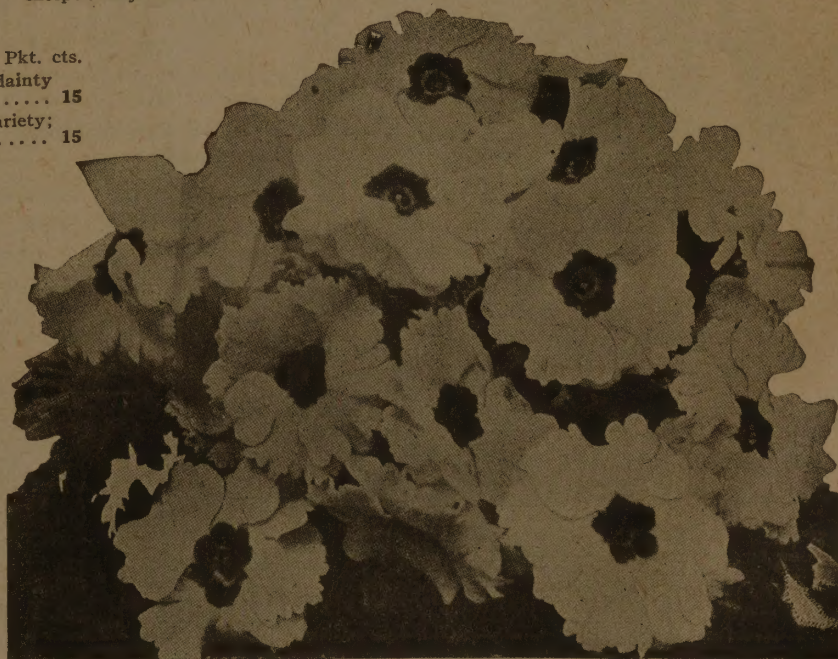
LARGE SINGLE BLOTCHED AND STRIPED

Bedding Petunias are almost indispensable for garden decoration. They flower in a few weeks' time from seed and continue to grow, bud and bloom in luxuriance until frost. Large, single flowers, blotched, striped, netted, etc., including all the Petunia colors; height, 1 foot.

- | No. | | Pkt. cts. |
|------|--|-----------|
| 464. | FINE MIXED —Very good quality..... | 10 |
| 465. | CHOICE MIXED —Fine strain, very rich mixture..... | 15 |

DOUBLE LARGE-FLOWERING PETUNIAS

- | | | |
|------|---|----|
| 466. | EWING'S PRIZE STRAIN OF SUPERB DOUBLE FRINGED VARIETIES —Saved from an unrivalled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors and tints..... | 50 |
| 467. | GRANDIFLORA ROBUSTA fl. pl. —The finest strain of Double Petunias. Strong compact dwarf habit and beautifully colored..... | 50 |



PRIMULA—EWING'S SUPERB PRIZE STRAIN

PHLOX DRUMMONDII

Phlox Drummondii is a most beautiful and popular class, and produces bloom in great profusion all through the summer right on till late autumn. It makes a brilliantly effective bed and is of easy culture. Can be treated as hardy or half-hardy annual.

LARGE-FLOWERING DWARF (Phlox Drummondii)

The Most Beautiful Race of Phlox Drummondii

A type combining the size of the individual flower and head of the finest Grandifloras, but of dwarf, compact growth, a perfect combination; and while they do not come in the large variety of colors found in the taller-growing type, the colors offered will be found very effective for beds, borders, etc., etc.: 8 inches.

	Pkt.	cts.
468. CHAMOIS ROSE—Delicate salmon pink. Splendid	15	
469. FIREBALL—Intense scarlet	15	
470. SNOWBALL—Pure white	15	
471. APRICOT—Splendid colour, apricot pink	15	
472. CINNABARINA—Beautiful vermilion	15	
473. MIRABILIS—Salmon pink, white eye	15	
474. EWING'S SPLENDID MIXTURE	15	

Collection 6 Separate Colors 75cts.

EWING'S SUPERB LARGE FLOWERING PHLOX

(Phlox Drummondii Grandiflora)

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer: 1½ ft. high. Our large-flowering Phlox is an improved strain with extra large, perfectly round flowers, with petals overlapping each other.

No.	Pkt.	cts.	No.	Pkt.	cts.
475. ALBA—White	15		481. EWING'S SUPERB PRIZE MIXTURE—A beautiful large flowered strain, richest variety of color. 1 ft.	15	
476. CHAMOIS-ROSE—Salmon-pink, orange eye	15		482. STAR-EYED (Stellata)—Mixed colors. Grand large flowers, beautiful colors, each flower having a white star-like eye. (Cuspidata)	15	
477. COCCINEA—Brilliant scarlet	15		483. FINE MIXED VARIETIES—1 ft. ¼ oz. 35c. 10		
478. GRANDIFLORA SPLENDENS—Dazzling scarlet with large white eye. One of the showiest in this section	15				
479. ISABELLINA—Yellow, garnet eye	15				
480. CARNEA—Pale flesh pink	15				
Collection, 6 separate colors	75				
Collection, 12 separate colors	\$1.50				

(See Hardy Perennial Flower Seeds for other varieties.)

PRIMULAS

For winter decoration Primula Sinensis is one of the most valuable of green-house plants. The following varieties have been saved from the largest and most beautiful flowers only.

FRINGED CHINESE PRIMROSES.

"Primula Sinensis"

No.	Pkt.	cts.	No.	Pkt.	cts.
484. GIANT BLUE	50		487. GIANT CRIMSON	50	
485. GIANT WHITE	50		488. GIANT PINK	50	
486. GIANT SALMON	50		489. GIANT SCARLET	50	
490. EWING'S SUPERB PRIZE STRAIN—This strain has been saved from the largest flowered and strongest growing plants of the very best named sorts, and showing the finest fringed blooms, as well as the most striking colors	50				

PRIMULA OBCONICA (Japanese Primrose)

No.	Pkt.	cts.
495. OBCONICA GRANDIFLORA HYBRIDA—Splendid, mixed, ranging from rose to lilac, violet and white, extra	25	
496. OBCONICA GRANDIFLORA GIGANTEA (New Giant)—A distinct and very beautiful variety. Superb mixture	50	
497. PURE WHITE—The pure white flowers enhance the beauty of the crimson, lilac, pink, and pale blue	50	
498. GIANT BRILLIANT CRIMSON	50	
499. GIANT ROSE-PINK	50	

PRIMULA MALACOIDES

This new race of Primroses from the mountains of China has proven most profuse-flowering for pot culture. The plants form rosettes of light green leaves from which numerous wiry stems—8 to 10 inches in height—gracefully carry whorls of flowers ½ to ¾ of an inch across. They are easily grown from seed and commence flowering in about 4 months from sowing and continue to bloom in increasing profusion for many weeks. A cool situation indoors or in the conservatory suits them to perfection.

No.	Pkt.	cts.
500. P. MALACOIDES—Lilac-colored flowers	20	
501. P. MALACOIDES (Alba)—Pure white flowers	25	
502. P. "MALACOIDES SUPERBA ROSEA"—Lovely rose-pink flowers	35	

(For other Varieties Primrose, see Hardy Perennial Flower Seeds)

EWING'S
SUPERB
LARGE
FLOWERING
PHLOX

No.	Pkt.	cts.
491. SUPERB DOUBLE MIXED—Of many beautiful shades, saved from finest double flowers	50	
492. CHINENSIS STELLATA HYBRIDA—The plants have a free and graceful habit, bearing loose pyramids of starry-petalled flowers of beautiful smooth soft shades. Mixed varieties	50	
493. PRIMULA KEWENSIS (Giant Buttercup)—Bright green leaves and numerous erect flower-scapes 10 to 18 inches in height, producing flowers in whorls at intervals along their whole length. The flowers are fragrant, bright yellow in color, with a slender tube and spreading limb nearly an inch in diameter. A winter flowering decorative plant of great value	30	
494. PRIMULA FORBESII—Charming miniature variety, flowers of a beautiful rich rosy-mauve with bright yellow eye. An exceedingly attractive plant in small pots	25	

EVERYTHING FOR THE GARDEN-- Flower Seeds

POPPIES (ANNUAL VARIETIES)

SINGLE ANNUAL POPPIES

No.		Pkt. cts.
503.	DAINTY LADY —Immense flowers, 4 to 5 inches across, of a charming mode shade of rosy mauve, with a large dark metallic blotch at the base of each petal.	10
504.	KING EDWARD —A new variety of gorgeous coloring, being a deep scarlet, shaded crimson-red, each petal marked with a large black blotch for half its length from the base, against which the yellow anthers stand out in bold relief. The plant grows 2½ ft. high, and produces its very large flowers with great freedom.	10
505.	DANE BROG (Danish Flag) —Single scarlet flowers, with a large white blotch on each petal. 2 ft.	10
506.	VIRGINIA —Large, beautifully fringed flowers of pure white, edged with soft pink; exquisite when cut.	10
507.	ADMIRAL —A single Peony-flowered variety of surpassing beauty, having large smooth-edged flowers of glistening white with a broad band of brilliant scarlet around the top.	10
508.	TULIP POPPY (Papaver Glaucum) —One of the most brilliant; the flowers are 3 inches across and closely resemble the brilliant Scarlet Gesneriana Tulip; 2 ft.	10
509.	ENGLISH SCARLET FIELD POPPY —The famous Scarlet Poppy of the English fields.	10
510.	CHOICE MIXED —Splendid mixture of single varieties. Oz. 35c.	10

DOUBLE ANNUAL POPPIES

516.	"MIKADO" (The Striped Japa ese Poppy) —This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Per oz. 35c.	10
517.	WHITE SWAN —Immense double flowers, beautifully fringed and of purest white, of dwarf habit.	10
518.	JAPANESE POMPON, MIXED —Beautiful miniature Poppies, with finely fringed flowers of perfect form.	10
519.	PEONY-FLOWERED —Robust plants, 2 ft. high, with immense double flowers, 3 to 4 inches in diameter. Mixed Colors. Per oz. 35c.	10
520.	CARNATION-FLOWERED . Thrifty upright varieties, 2 ft. high; flowers of large globular form, with slashed or fringed petals. Mixed Colors. Oz. 35c.	10
521.	FRENCH RANUNCULUS-FLOWERED, DOUBLE MIXED —The double Ranunculus Poppies stand high in popular favor—being remarkable for their freedom of bloom and their ease of culture. As cut flowers taken before fully developed, they last several days in water. Per oz. 35c. 10	

For other varieties, see Hardy Perennial Flower Seeds.

REHMANNIA ANGULATA

522.	PINK PERFECTION —A great improvement in the colour of this half-hardy perennial. The plant is of easy cultivation and a fine subject for conservatory decoration; the stems rise 4 to 5 feet high, loosely furnished with large drooping pink flowers resembling those of the Incarvillea.	50
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RHODANTHE or Strawflower

523.	Elegant garden annuals, 9 to 12 inches in height. They flower early and continue for a long time. They are also used as pot plants for apartments, on account of the durability of the flowers. As an "Everlasting" for dried winter bouquets they are indispensable. Flowers of various colors, white, pink, red, etc.	10
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ROSA POLYANTHA NANA

(MINIATURE FAIRY ROSES)

524.	Forming little bushes covered with dainty little single and semi-double flowers ranging from rose to white, valuable for bedding. 1½ ft.	15
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RICINUS or Castor Oil Plant

Noble annual foliage plants of luxuriant and rapid growth, attaining a height of from 5 to 10 feet, producing large Palm-like leaves about 3 feet across, of majestic sub-tropical effect; grown either as specimens or in groups.

No.		Pkt. cts.
525.	ZANZIBARIENSIS — Immense leaves, green, brown or purplish.	10
526.	BORBONIENSIS —Immense green foliage; 15 feet.	10
527.	CAMBODGENSIS — Large palm like leaves of a brilliant bronzy red maroon; stalks nearly black. 6 ft.	10
528.	SANGUINEUS —Red stalks; scarlet fruit. 8 ft.	10
529.	GIBSONI — 6 ft. Dark purplish red leaves. Fine.	10

EWING'S GIANT SHIRLEY POPPIES

A great advance in single annual Poppies. The flowers are immense, often 3 to 4 inches across, the petals are fluted and crinkled and in the sunlight appear like rumpled satin. The plants are well branched. Exquisitely shaded colors ranging from blush white, pink and carmine to brilliant crimson. A beautiful strain of free growth and exceedingly floriferous. Most graceful of all poppies.

No.		Pkt. cts.
511.	PURE WHITE —Like crinkled, white satin.	10
512.	PICOTEE —Large satiny-white with carmine edge.	10
513.	CRIMSON —Crimson with white edge.	10
514.	APRICOT —Deep apricot pink. Superb.	10
515.	EWING'S SUPERB MIXTURE	10



EWING'S GIANT SHIRLEY POPPIES



SALVIA ZURICH

SALPIGLOSSIS

A highly ornamental h. h. annual, producing an abundance of funnel-shaped flowers, beautifully veined and marbled, of all shades of color. Highly prized for cutting and is very showy in beds or borders.

No.		Pkt.	cts.
530.	GOLDEN YELLOW—White border.....	15	
531.	MAGENTA—Golden Throat.....	15	
532.	ROSE PINK—Carmine centre.....	15	
533.	CARMINE—Gold striped.....	15	
534.	VIOLET.....	15	
535.	VELVET RED.....	15	
	Collectio, 6 colors separate, 75c.		
536.	EWING'S SUPERB PRIZE MIXTURE—A brilliant strain comprising all the New and LARGE FLOWERING sorts. The colors show a wonderful range and are of unrivalled richness. Extra.....	15	
537.	FINE MIXED—H. h. a., 2 ft.....	10	

SANVITALIA

538.	PROCUMBENS—H. a., ½ ft. Double crimson-edged yellow. A pretty creeping plant, suitable for edgings of small beds or rockeries.....	10	
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SAPONARIA

Makes a neat edging or bed. Very compact growth.

539.	CALABRICA—H. a., 6 inches. Pink.....	10	
540.	CALABRICA ALBA—H. a., ½ ft. White.....	10	

SAXIFRAGA

541.	UMBROSA (London Pride)—Mostly used in hanging baskets or rock-work, its long drooping tendrils suiting admirably for either purpose....	25	
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SAINTPAULIA (The Usambra Violet)

A charming little pot plant, the leaves forming a flat rosette. Flower stems are from two to four inches high, crowned with deep blue and lilac-red flowers.

542.	IONANTHA—Deep blue.....	50	
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SALVIA (Scarlet Sage)

The Scarlet Sage has long been a favorite bedding plant, also grown for conservatory decoration, bearing long spikes of flowers in great profusion from July till frost; seed should be sown as early as possible, either indoors or in a hotbed and the young plants transferred to their flowering quarters when the weather has become settled and warm.

No.		Pkt.	cts.
542A.	EWING'S "VICTORY"—This grand new variety stands unrivalled. Its glorious vivid scarlet flowers are of rare brilliance. The earliest, freest and most continuous blooming sort of all. Remarkably uniform in habit, the bushy plants being 15 inches in height and the flowers are borne well above the foliage.....	25	
543.	ZURICH—Of dwarf, compact growth, forming oval bushes 15 to 18 inches high thickly studded with fine spikes of scarlet flowers. For bedding it is brilliantly effective, either planted alone or as a front row for the taller Salvias.....	25	
544.	BONFIRE—Very compact oval bushes, 2½ feet high; brilliant scarlet flowers. The spikes stand out stiff and erect; over 200 spikes to a plant is not unusual, and the spikes bear from 20 to 30 flowers each.....	15	
545.	FIREBALL—A compact type and popular for beds and borders requiring a variety of dwarfier habit than the regular Scarlet Sage or the variety "Bonfire." Fiery scarlet. Plant about 20 inches high, and very early flowering. Extra fine.....	15	
546.	SPLENDENS or SCARLET SAGE—The old favorite bedding variety so extensively grown. Bushy garden plants about 3 feet high, producing during summer and fall dazzling scarlet flowers in profusion. It does best in full sunshine, but for best effect should have a dark green background.....	10	
547.	PATENS (Blue Sage)—In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding; but it is a beautiful plant for the border or greenhouse; tender perennials; 2 feet.....	25	
548.	ARGENTEA (Silver Sage)—Large handsome silvery green leaves and branching heads of large white flowers.....	10	

SCABIOSA (Mourning Bride or Sweet Scabious)

Splendid hardy annual. Flowers are large and fragrant and of many rich and beautiful shades of color. Exceedingly desirable for bouquets.

No.		Pkt.	cts.
549.	AZURE FAIRY—A rich pale blue.....	10	
550.	POMPADOUR—Claret, purple, edged with white.....	10	
551.	FIRE KING—Rich rosy crimson, very fine, intense colour.....	10	
552.	SNOWBALL—Pure white.....	10	
553.	ROYAL PURPLE—Rich deep purple.....	10	
554.	CARMINE PINK—Very showy.....	10	
555.	FINEST MIXED—2 ft.....	10	
556.	DWARF MIXED.....	10	

SCHIZANTHUS

A dainty plant of easy culture. Interesting and beautiful flowers, useful for pot culture or the border.

557.	SUTTON'S LARGE-FLOWERING HYBRIDS, MIXED COLOURS—Schizanthus are indispensable for greenhouse and conservatory decoration, and this is undoubtedly the finest strain in existence. The flowers are larger than those of any other strain, and show a wider range of colours, including shades of yellow, apricot, pink, salmon, carmine, crimson, mauve, and purple, in various markings and combinations. Very effective and lasting when cut.....	50	
558.	WISSETONENSIS—Compact strain; white-ground flowers variously marked with pink, yellow, bronze and crimson shades, excellent for pots.....	30	
559.	FINE MIXED VARIETIES.....	10	

SCARLET RUNNERS

560.	SCARLET RUNNERS—Lb. 80c.; ¼ lb. 25c.....	10	
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SENSITIVE PLANT (Mimosa Pudica)

561.	H. h. a., g. 1 ft. Pretty foliage: the leaves close upon the slightest touch.....	10	
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SHAMROCK

562.	TRUE SMALL LEAVED.....	10	
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SMILAX (Medeola Asparagoides)

563.	G. P. A much admired greenhouse climber. The glossy green leaves and length cause the Smilax to be greatly prized for decorative purposes and in the formation of wreaths and crosses.....	10	
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SOLANUM

564.	CAPSAICSTRUM (Jerusalem Cherry)—This is a very useful pot plant for winter decoration. It is of dwarf branching habit, leaves small and oval-shaped, bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot.....	10	
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STATICE

565.	SINNUATA HYBRIDA—A large-flowered sea Lavender with mauve, white and primrose flowers in various combinations. The plants furnish an abundance of cut flowers. Can also be dried for winter bouquets. 2 ft.....	10	
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STEVIA

566.	SERRATA—Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting.....	10	
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BEAUTY OR "GIANT NICE" STOCKS

EWING'S SUPERB
LARGE FLOWERING DWARF
10 WEEK STOCK

MISCELLANEOUS VARIETIES



**LARGE
FLOWERING
DWARF
10 WEEK STOCK**

59

Giant Waved Spencer or Orchid-Flowered" Sweet Peas

The old-fashioned or standard varieties are now quite over-shadowed by this wonderful type, which is quite distinct, having large, round open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All of the sorts offered below have been thoroughly tested and are just as easy to grow as the standard varieties.



KING WHITE

- | No. | WHITE | Pkt. cts. |
|------|--|-----------|
| 606. | "KING WHITE"—King White has substance to spare, while the standards are of immense size, bold expanded form, yet exquisitely waved. This certainly is the "King" of all white Sweet Peas. Oz. 50c. | 15 |
| 607. | WHITE SPENCER—A fine white. Beautiful and graceful with large fluted and wavy petals. Oz. 50c. | 15 |
| 608. | ETTA DYKE—A beautiful white of best Spencer form. Oz. 50c. | 15 |
| 609. | CONSTANCE HINTON—A fine, large, dark seeded white, sometimes flushed when opening. Oz. 50c. | 15 |
| 610. | NORVIC—A new white self of great promise. The flowers are of largest size, beautifully waved and frilled, while the color is a pure, solid white. Oz. 75c. | 25 |

PRIMROSE, CREAM OR IVORY SHADES

- | | | |
|------|---|----|
| 611. | DOBBIE'S CREAM—The largest and best strain of "Primrose-Spencer;" flowers large, of splendid substance and well waved; color cream-yellow. Oz. 50c. | 15 |
| 612. | CLARA CURTIS—A beautifully waved cream, good substance. Oz. 50c. | 15 |
| 613. | PRIMROSE SPENCER—Clear primrose. Oz. 50c. | 15 |
| 614. | PARADISE IVORY—Light primrose with slight tint of pink. Oz. 50c. | 15 |

CREAM PINK SHADES

- | | | |
|-------|---|----|
| 615. | MARGARET ATLEE—Most beautiful deep cream pink Sweet Pea. Immense flowers of the loveliest coloring; a rich warm salmon-pink over a body color of cream which lights up the whole flower into exquisite beauty. Oz. 75c. | 25 |
| 615A. | HENRIETTA—A beautiful light pink on a cream ground. The flowers are double-frilled and are of enormous size, and because they are so double it takes but a few sprays to make a bouquet. Novelty 1918. | 30 |
| 616. | NEW MIRIAM BEAVER—A wonderfully beautiful variety; soft salmon-shell pink, shaded hydrangea-pink. Oz. 50c. | 15 |
| 617. | MRS. ROUTZAHN—"Cream-pink;" a blending of straw color, tinted blush-pink and rosy-apricot. Oz. 50c. | 15 |
| 618. | W. T. HUTCHINS—Buff and light primrose, shading to apricot at margins. Oz. 50c. | 15 |
| 619. | JESSIE CUTHBERTSON SPENCER—Ground color cream overlaid with stripes of bright rose pink. Oz. 50c. | 15 |
| 620. | MRS. HUGH DICKSON—A large and fine "cream-pink." Oz. 50c. | 15 |
| 621. | JEAN IRELAND—A greatly improved Mrs. C. W. Bredmore. Color rich cream or light primrose, distinctly edged with bright rose. Oz. 75c. | 25 |
| 622. | DUPLEX SPENCER (Mary Garden)—A lovely deep "cream-pink," pinkish-salmon suffused rosy-apricot. Oz. 50c. | 15 |

PINK SHADES

- | | | |
|------|---|----|
| 623. | ELFRIDA PEARSON—This magnificent Pea has caused a sensation. The flowers can only be described as huge. The color is lovely pale-pink on white ground. It should be grown by everyone, and is easily one of the best half dozen in cultivation. Oz. 50c. | 15 |
| 624. | YARRAWA—The flowers are large of round waved Spencer form and colored bright rose-pink with lighter pink wings. The exquisite coloring is most effective either by daylight or artificial light and, moreover, the flowers are deliciously fragrant. Oz. 75c. | 25 |
| 625. | AGRICOLA—Pale pinkish heliotrope flushed over white ground. Oz. 75c. | 25 |
| 626. | COUNTESS SPENCER—Clear pink. Oz. 50c. | 15 |
| 627. | HERCULES—A giant even among the Spencers; immense, long-stemmed flowers of rich clear rose-pink; vines vigorous and free blooming. Oz. 50c. | 15 |
| 628. | DAINTY SPENCER (Elsie Herbert)—Very large, splendidly formed flowers of blush-white; distinctly picotee edged with carmine-rose. Oz. 50c. | 15 |
| 629. | MARTHA WASHINGTON—Most beautiful; blush-white veiled with rosy-pink deepening into a contrasting marginal zone of tyrian-rose. Oz. 50c. | 15 |

ROSE AND VERY LIGHT PINK (BI-COLOR)

- | | | |
|------|--|----|
| 630. | APPLE BLOSSOM SPENCER—Banner bright rose color; wings creamy-blush; a very robust, profuse and large flowering "Bi-color." Oz. 50c. | 15 |
| 631. | MRS. CUTHBERTSON—A "Bi-color" of the largest and finest form; color carmine-rose with blush-white wings, strong grower and prolific bloomer. The best pink and white bicolor. Oz. 50c. | 15 |

Giant Waved Spencer or "Orchid Flowered" Sweet Peas ---continued

ORANGE AND SALMON PINK SHADES

No.		Pkt. cts.
632.	SCINTILLATOR —Lightly and delicately striped orange-pink on a cream-colored background. Flowers are of great size. Under artificial light the effect is truly beautiful. (Novelty 1918)....	30
633.	AURORA SPENCER —Strongly flaked and striped bright orange-rose on white; large waved flowers. Oz. 50c.....	15
634.	HELEN LEWIS —Orange-pink, with bright orange standard. Oz. 50c.....	15
635.	"ILLUMINATOR" —A rich, glowing cerise-salmon, with an indication of bright orange suffusion which marvelously scintillates and glistens under bright sunlight. Oz. 75c.....	25
636.	MRS. W. J. UNWIN —The brightest and best flaked variety. The ground color is white, beautifully-flaked rich orange-scarlet. Oz. 50c..	15
637.	STERLING STENT —Rich deep salmon suffused with fiery-orange. Oz. 50c.....	15
638.	THOMAS STEVENSON —Large and brilliantly effective flowers of fiery red-orange. Oz. 50c....	15
639.	THE PRESIDENT —Easily one of the best twelve varieties in cultivation. It is wonderfully brilliant. The flowers are of largest size, always beautifully waved even when well expanded. The brightest color we have in sweet peas. "It is head and shoulders above anything of a similar color," and it probably will never be surpassed in the orange-scarlet section.....	30
640.	ROBERT SYDENHAM —This new Sweet Pea is a magnificent glowing orange self without cerise or pink. It is considered the nearest approach to yellow yet seen. Oz. 75c.....	25
641.	DECORATOR —Rose overlaid with terra-cotta. Oz. 50c.....	15
642.	BARBARA —A superb salmon-colored self that makes a "telling" bunch either for exhibition or table decoration. Oz. 75c.....	25
643.	EDITH TAYLOR —Extra fine and large flowers of rich salmon-rose or cerise. Oz. 50c.....	15

RED AND SCARLET SHADES

644.	FIERY CROSS —"Fiery Cross" has all the appearance of live fire and is an entirely new shade in Sweet Peas. The standard is a scorching fire-red or rich orange-scarlet, which scintillates and glitters in the bright sunlight with a glowing, fire-like sheen that radiates over the entire flower, including the rich cherry-orange wings. The stronger the rays of the sun, the more intense the brilliancy of the color.....	30
645.	VERMILION BRILLIANT —Brilliant scarlet. Oz. 50c.....	15
646.	KING EDWARD SPENCER —Rich crimson-scarlet; large open, waved flowers. Oz. 50c....	15
647.	MAUD HOLMES —Mammoth wavy brilliant red. Oz. 50c.....	15
648.	ROSABELLE —Beautiful bright rose crimson. Oz. 50c.....	15
649.	SUNPROOF CRIMSON —The best of all the crimsons; color rich crimson-scarlet. Oz. 50c..	15
650.	DOBBIE'S SCARLET —Scarlet toned with cerise. Most brilliant. Oz. 75c.....	25
651.	GAIETY SPENCER —Bright rose-crimson striped and flaked on ivory white. Oz. 50c.....	15
652.	GEO. HERBERT —Rose-crimson suffused with magenta. Oz. 50c.....	15
653.	AMERICA SPENCER —Bright red, striped and flaked on white. Oz. 50c.....	15
654.	SINCERITY —This is truly superb and there is nothing to approach it in its color class. The flowers, of immense size, while the color is a unique, pleasing solid shade of bright glowing cerise.....	25

LAVENDER SHADES

655.	ASTA OHN —The color is a charming soft lavender suffused with mauve. Oz. 50c.....	15
656.	CHARLES FOSTER —Apricot-pink flushed with lilac-blush and mauve. Oz. 50c.....	15
657.	LAVENDER GEORGE HERBERT —One of the best in its class; color, bluish lavender; flowers of the largest size. Oz. 50c.....	15
658.	FLORENCE NIGHTINGALE —Beautiful, clear lavender with a faint pinkish sheen; the largest and best of its color. Oz. 50c.....	15
659.	LOYALTY —The finest and largest blue striped; color white-flaked and marbled bright blue. Oz. 50c.....	15
660.	NEW MARGARET MADISON —Best light azure blue. Oz. 50c....	15
661.	R. F. FELTON —The color is a soft, pleasing shade of lavender suffused rose; wings French gray. The giant flowers are exquisitely waved. Oz. 50c.....	15
662.	WEDGEWOOD BLUE —A clear light silvery-blue with just a suggestion of mauve in the banner; the best variety of its color. Oz. 50c.....	15
663.	EMPRESS EUGENIE —The latest and best "lavender striped"; very light blue and lavender flakes and stripes on silvery-white. Oz. 50c....	15
664.	ORCHID —Rich deep lavender throughout, slightly suffused pink on both standard and wings. Oz. 50c.....	15
665.	ALFRED WATKINS —A pure, clear, pale lavender. Oz. 50c.....	15



FIERY CROSS

MAUVE AND PURPLE SHADES

No.		Pkt. cts.
666.	AFTERGLOW —Banner, rosy-amethyst tinted ultramarine-violet at base; wings, peacock and electric blues. Oz. 50c. 15	15
667.	BERTRAND DEAL —Large waved flowers of an exquisite pinkish-lilac suffused with soft rosy-mauve. Oz. 50c.....	15
668.	MARKS TEY —A large fine rosy maroon with bluish mauve wings. A dusky "bicolor" of huge size. Oz. 50c.....	15
669.	IRISH BELLE (Dream) —Soft lilac on cream flushed pale rosy-mauve; almost "pastel" in coloring. Oz. 50c.....	15
670.	TENNANT SPENCER —The best of the heliotrope shades. It is self-colored in most attractive rosy-purple. Oz. 50c.....	15

Giant Waved Spencer or Orchid-Flowered" Sweet Peas ---continued



"THE PRESIDENT"

BLUE AND PURPLE SHADES

- | No. | | Pkt. cts. |
|-------|--|-----------|
| 670a. | CULEBRA —Of light blue tone, being white, delicately striped and flaked pale blue and mauve. The flowers are duplex and look like rosettes. (Novelty 1918)..... | 30 |
| 671. | HELEN PIERCE SPENCER —Ground color white rippled and penciled with bright blue. Oz. 50c..... | 15 |
| 672. | SENATOR SPENCER —Chocolate and brown striped, flaked on ivory white. Oz. 50c..... | 15 |

DEEP MAROON, PURPLE and BLUE SHADES

- | | | |
|------|---|----|
| 673. | ROYAL PURPLE —A rich royal-purple throughout both banner and wings; the flowers are of splendid size and form. Oz. 50c..... | 15 |
| 674. | NUBIAN —A new maroon or deep chocolate-colored self. The flowers are of truly giant proportions, beautifully waved, and of great substance. Oz. 50c..... | 15 |
| 675. | OTHELLO SPENCER —The flowers are beautifully waved—of a rich deep maroon throughout. Oz. 50c..... | 15 |
| 676. | KING MANOEL —This is a giant-flowered maroon or deep chocolate-colored variety. The flowers are of immense size. Oz. 50c..... | 15 |

PICOTEE EDGED

- | | | |
|------|--|----|
| 677. | BLUE PICOTEE or MRS. TOWNSEND —White with narrow edging of blue. Oz. 50c..... | 15 |
|------|--|----|

678. **EWING'S SUPERB BLEND OF MIXED GIANT SPENCER SWEET PEAS**—Composed exclusively of Giant Waved Spencer varieties, blended in proper proportions of bright colors and including several new hybrids of exquisite colors and shades, many of which, when sufficiently trued up will be introduced as new-named varieties. Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.25.

GRANDIFLORA and UNWIN SWEET PEAS

The overshadowing size and beauty of the Giant Waved Spencer Sweet Peas has gradually reduced the demand for most varieties of the Grandiflora and Unwin types so that we now offer only a list of those limited to the popular sorts for sowing in quantity for cut flowers or garden decoration.

Per pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 50c.

- | | |
|------|---|
| 679. | BLANCHE FERRY —The popular pink and white. |
| 680. | DOROTHY ECKFORD —Magnificent pure white. |
| 681. | FRANK DOLBY —A fine large wavy pale lavender-blue. |
| 682. | HON. MRS. E. KENYON —The finest primrose-yellow. |
| 683. | JANET SCOTT —A grand deep rich pink. |
| 684. | KING EDWARD VII. —The finest crimson-scarlet. |
| 685. | LADY GRISEL HAMILTON —A grand pale lavender. |
| 686. | LORD NELSON —The richest deep navy-blue. |
| 687. | LOVELY —Soft shell-pink; a lovely shade. |
| 688. | MISS WILLMOTT —Brilliant orange-pink; very large. |
| 689. | MRS. WALTER WRIGHT —An exquisite shade of mauve. |
| 690. | NORA UNWIN —A superb pure white with wavy petals. |
| 691. | OTHELLO —Deep rich maroon. |
| 692. | PRIMA DONNA —A magnificent pure pink. |

MIXTURES

- | | |
|------|--|
| 693. | EWING'S EARSLCOURT PRIZE MIXTURE —This splendid mixture of Spencer, Grandiflora and the Unwin types is a studied formula containing correct proportions of various bright colors and shades, supplying a harmony of brilliancy. Lb. \$1.75; $\frac{1}{4}$ lb. 50c.; oz. 25c.; pkt. 10c. |
| 694. | ECKFORD'S FINEST MIXED VARIETIES —Lb. \$1.60; $\frac{1}{4}$ lb. 45c.; oz. 20c.; pkt. 10c. |

Winter-Flowering or Extreme-Early Varieties of Sweet Peas

Per pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 85c.

- | | |
|------|---|
| No. | |
| 695. | BURPEE'S EARLIEST WHITE or SNOWBIRD —Pure white. Fine. |
| 696. | EARLIEST OF ALL or CHRISTMAS PINK —Standard rose, wings white. |
| 697. | MRS. ALEX. WALLACE —Pinkish lavender. |

- | | |
|------|---|
| No. | |
| 698. | MRS. C. H. TOTTY —Sky blue or light lavender. Fine. |
| 699. | MRS. F. J. DOLANSKY —Bright pure pink. |
| 700. | MRS. GEO. LEWIS —The best pure early white. |
| 701. | FLORENCE DENZER or MONT BLANC —Extra early. Pure white. |
| 702. | MRS. WM. SIM —Extra early, soft salmon-pink. |
| 703. | MRS. E. WILDE —Very early, bright crimson-rose. |
| 704. | EARLIEST SUNBEAMS —Bright primrose-yellow open formed flowers. |

CUPID

Form dwarf bushes 6 to 8 inches in circumference and about same in height.

- | No. | | Pkt. cts. |
|------|---|-----------|
| 705. | WHITE CUPID —Oz. 30c..... | 10 |
| 706. | PINK CUPID —Oz. 30c..... | 10 |
| 707. | CUPID —Mixed varieties. Oz. 30c..... | 10 |

EVERYTHING FOR THE GARDEN--Flower Seeds

VERBENA

The Verbena is deservedly a great favorite, and no plant excels it in beds or borders. Sow in a hot bed or in boxes in the house, and prick out plants into small pots when two or three inches high, and afterwards plant out where intended to bloom.

EWING'S MAMMOTH VERBENA

The average trusses measure 9 to 12 inches in circumference and the individual florets on properly grown plants as large as a 25 cent silver piece. They bloom freely, are vigorous in growth, and contain beautiful new colors and shades. For garden beds and massing these Verbenas are unrivalled; flowers of the most brilliant colors produced continually from spring until late in the autumn.

No.	Pkt. cts.
719. WHITE.....	15
720. PURPLE (Commandant Marchant).....	15
721. CARMINE QUEEN—Rich Carmine.....	15
722. DEEP SCARLET.....	15
723. AURORA BOREALIS—Fiery Scarlet.....	15
724. MAGENTA—White centre.....	15
725. EWING'S SUPERB MAMMOTH PRIZE STRAIN MIXTURE.....	15

Collection of 6 colors, 75c.

726. HELEN WILLMOTT—Large, bright salmon-rose colored flowers, having a white eye, with a small percentage of varied shades, which are also very fine.....	15
727. HYBRIDA COMPACTA—Mixed colors. Compact plants of five inches in height, completely covered with beautiful blooms.....	15
728. FINE MIXED—All colors of the older sorts.....	10
729. VENOSA—12 inches. A bedder of erect habit. Flowers are bluish purple, with a metallic tinge that glistens in the sun. Continues in bloom all summer.....	10
730. SWEET-SCENTED VERBENA (<i>Aloysia citriodora</i>)—A woody plant for house culture.....	10

VENUS' LOOKING GLASS

Remarkably pretty free-flowering annuals, for small beds, baskets, vases, rockwork and borders.

No.	Pkt. cts.
731. MIXED COLORS—H. a., $\frac{3}{4}$ ft.....	10

VINCA (Madagascar Periwinkle)

A beautiful plant for conservatory.

732. ROSEA—Mixed, t. p., 2 ft.....	10
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VIRGINIAN STOCK

H. a., 9 inches. A pretty little sweet-scented annual; the flowers completely hide the foliage; nice for beds or edgings. It blooms very early.

No.	Pkt. cts.
733. WHITE.....	10
734. CRIMSON KING.....	10
735. MIXED.....	10

VISCARIA

736. MIXED COLORS—H. a., 1 ft.....	10
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An extremely pretty bedding annual of compact growth. Both foliage and flowers are beautiful.

WALLFLOWER

A very old friend in English gardens, and should be grown more extensively than it is. The flowers are borne in spikes and are very fragrant.

No.	Pkt. cts.
737. SINGLE—Mixed colors.....	10
738. DOUBLE—Splendid mixture of all sorts.....	10
739. PARIS EARLIEST—H. a. This variety, if sown in spring will bloom throughout the summer and fall (yellow).....	10

WHITLAVIA

For beds or edgings, and flowers well in the shade.

740. GRANDIFLORA BLUE—H. a., 1 ft.....	10
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WILD CUCUMBER

741. A rapid growing and handsome hardy climber and very popular. Oz. 25c.....	10
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XERANTHEMUM

742. FINE MIXED—H. a., 1 ft. Plant out 1 foot apart. Flowers are large and abundant. "Everlasting Flower".....	10
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EWING'S MAMMOTH VERBENA

SUNFLOWER (or Helianthus)

A very showy hardy annual of robust habit. The large sorts are splendid for background while the small flowered varieties are valuable for cutting.

No.	Pkt. cts.
708. THE NEW RED SUNFLOWER—The flowers vary greatly in size, from four to seven inches across. There is also much variation in shade and coloring—some are solid red, of a deep maroon shade; others are red with petals gold tipped, and a variety of other pleasing combinations of red and gold. Planted in a border or in front of taller shrubbery or along a wall, they are very showy.....	15
709. RED HYBRIDS—A blend of several new and distinct colors that will prove very interesting.....	15
710. TALL DOUBLE CALIFORNIAN—H. h. a., 6 ft. Very large double orange flower of perfect form.....	10
711. GLOBOSUS FISTULOSUS FL. PL. (Golden Globe)—H. a., 6 ft. Enormous very double flowers. A grand sort.....	10
712. DOUBLE DWARF—H. a., 3 ft. A splendid dwarf strain with large orange flowers.....	10
713. MINIATURE—H. a., 3 ft. Small single, bright orange flowers, with black centres produced in great profusion. Branching habit.....	10
714. MAMMOTH RUSSIAN—The common single large-flowered sort.....	10
715. CUCUMERIFOLIUS "STELLA"—H. a., 4 ft. Of branching habit and covered with single yellow flowers, dark centres. A very useful variety for cutting.....	10

SWAINSONIA

716. GRANDIFLORA ALBA—A popular house plant. Graceful foliage. Pure white flowers resembling Sweet Peas are produced in clusters of 12 to 20. Climbs readily. 1 to 4 ft.....	10
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SWEET SULTAN—See *Centaurea*

THUNBERGIA

717. FINE MIXED—H. h. a., climber. Is admirably suited for trellis work or hanging baskets.....	10
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TORENIA

718. FOURNIERI—T. a. A fine plant, either for hanging baskets or pot culture. Flowers are large, sky-blue in color, spotted with indigo blue. Will keep in flower from June to September.....	15
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TROPAEOLUM (Nasturtium)

CANARIENSE, See CANARY BIRD FLOWER.



ZINNIA, EWING'S DOUBLE GIANT PRIZE STRAIN

ORNAMENTAL GRASSES

771. AGROSTIS—Nebulosa, 1 ft. Graceful and elegant.....	10
772. AVENA—Sterilis (Animated Oats), 2 ft.....	10
773. BRIZA—Maxima (Quaking Grass), 1 ft.....	10
774. COIX—Lachrymæ (Job's Tears), 2 ft.....	10
775. ERAGROSTIS—Elegans, 1 ft. (Love Grass).....	10
776. STIPA—Pennata (Feather Grass), 1½ ft. Flowers the second year	10
777. ERIANTHUS—Hardy Pampas Grass. Exquisite Plumes.....	10
778. PENNISETUM RUEPPELIANUM.....	10

ZINNIA

One of the most brilliant and showy of annuals, which has long been a general favorite. They come in flower early in the Summer and keep on blooming until hard frost; require little attention and succeed almost anywhere. For perfection of blossom start the seeds in March and prick out once or twice before transferring to the open border in May or June. Provide the plants with plenty of room, at least 18 inches apart each way, and they soon completely cover the ground.

EWING'S NEW GIANT ZINNIAS (*Zinnia Elegans Robusta Plenissima*)

Flowers of gigantic size, 4 to 6 inches across and densely double; plants of strong, luxuriant growth, 2½ to 3 feet in height. (See cut).

No.	Pkt. cts.	No.	Pkt. cts.
743. WHITE.....	15	748. GOLDEN-YELLOW.....	15
744. SCARLET.....	15	749. SULPHUR-YELLOW.....	15
745. CRIMSON.....	15	750. VIOLET.....	15
746. PURPLE.....	15	751. FLESH PINK.....	15
747. STRIPED.....	15	752. ROSE.....	15
753. EWING'S DOUBLE GIANT PRIZE STRAIN MIXTURE.....	15		

Collection, 8 separate colors, \$1.00.

IMPROVED DWARF LARGE FLOWERING ZINNIAS

The plants form handsome, compact bushes 2 feet in height, with large, perfectly-formed double flowers.

No.	Pkt. cts.	No.	Pkt. cts.
754. ROSE.....	10	758. WHITE.....	10
755. CRIMSON.....	10	759. LILAC.....	10
756. SCARLET.....	10	760. PURPLE.....	10
757. YELLOW.....	10	761. FLESH PINK.....	10
762. SPLENDID MIXED.....	10		

Collection, 8 separate colors, 70c.

LILLIPUT ZINNIAS

Uncommonly pretty, small branching plants, about 1 foot high with small, very double flowers in such profusion as to fairly envelope the plants.

No.	Pkt. cts.	No.	Pkt. cts.
763. SCARLET GEM.....	10	765. GOLDEN GEM.....	10
764. WHITE GEM.....	10	766. ORANGE GEM.....	10
767. MIXED.....	10		

VARIOUS VARIETIES OF ZINNIA

768. DOUBLE CHOICE STRIPED or ZEBRA—H. a., 2 ft. The blooms are large, of perfect form, and many colors, being beautifully spotted, striped and blotched..... 10
769. HAAGEANA HYBRIDA (Mexican Zinnia)—Double Orange. The flowers are very numerous..... 10
770. GREEN GEM—New, unique and novel; the double flowers are of good size, colored light green, slightly shaded with yellow..... 15
- 770A. ACHIEVEMENT (*Elegans Robusta Grandiflora*)—The raising of this beautiful new Zinnia is undoubtedly an "achievement in the field of horticultural endeavour.
- It is distinct from all other Zinnias hitherto raised by the shape of its petals, which are partially tubular at the base and expand in a cactus-like form towards the tip, thereby displaying a rich variety of colour, mostly of the warmer shades, such as pale rose, deep rose, salmon, lilac, scarlet, and coppery golden yellow.
- On the reverse side the petals are of a lilac tint, varying from light to dark, and by their singular contour they produce in the flower a rare and beautiful combination of colour never before seen amongst Zinnias.
- The plant is a very free and strong grower, producing an abundance of very double flowers on stalks borne well clear of the foliage. The individual blooms often attain a diameter of five or six inches, and, besides its highly decorative effect in the garden, this new Zinnia can be strongly recommended as a cut flower..... 35

CATALOGUE OF FLOWERING BULBS READY IN SEPTEMBER, 1919

HYACINTHS, CROCUS, NARCISSUS, TULIPS, JONQUILS, DAFFODILS
LILIES, FREESIAS, CHINESE LILIES, SNOWDROPS, ETC., ETC.

We shall be pleased to put your name on our Mailing List SEND IN YOUR NAME NOW

Ewing's Hardy Perennial Flower Seeds

Hardy perennials are easily raised from seed; they may be sown either in spring or during the early summer. The simplest method is to sow them in a frame protecting the seedlings as they appear above ground, from the sun. The soil should be kept evenly moist but not saturated. Transplant the seedlings once or twice if necessary to prevent crowding.

FOR HARDY PERENNIAL PLANTS SEE PAGES 77 AND 78

- | No. | | Pkt.
cts. |
|------|---|--------------|
| | ACHILLEA | |
| 779. | Patmice Flore Pleno —"The Pearl," 2 ft. July-September. Double pure white flowers; very numerous and fine for cutting..... | 10 |

ACONITUM

- | | | |
|------|--|----|
| 780. | Napellus (Monk's Hood)—Blue, 3½ ft July-August..... | 10 |
|------|--|----|

ADONIS

- | | | |
|------|--|----|
| 781. | Vernalis —Bright star-shaped yellow flowers, 2 inches in diameter. 1 ft. May-June | 10 |
|------|--|----|

ADLUMIA

- | | | |
|------|---|----|
| 782. | Cirrrosa (The Allegheny Vine)—A perennial climber of very graceful habit, with flesh-colored flowers.... | 10 |
|------|---|----|

AGROSTEMMA

- | | |
|-----|---|
| 83. | Coronaria —1 ft. June-August. Crimson 10 |
|-----|---|

ALYSSUM

- | | | |
|------|--|----|
| 784. | Saxatile Compactum —½ ft. yellow. Valuable for rockwork and edgings. May-June | 10 |
|------|--|----|

AMPELOPSIS

- | | | |
|------|-------------------------------------|----|
| 785. | Veitchii or Boston Ivy | 10 |
|------|-------------------------------------|----|

ANEMONE

- | | | |
|------|--|----|
| 786. | ST. BRIGID'S STRAIN, MIXED —These beautiful Irish Poppy-flowered varieties produce in abundance large single, semi-double and double flowers 3 to 5 inches across, in an endless variety of colors, from maroon and brightest scarlet to flesh-pink and from lilac to purple. Some are mottled, striped, ringed, etc. For cutting they are unsurpassed, and in the garden they flower until after frost; hardy perennials flowering from seed the second year and thereafter..... | 15 |
| 787. | JAPONICA (Honorine Jobert)—Superb large white. A grand flower for cutting..... | 25 |
| 788. | FULGENS —Dazzling scarlet with black centre..... | 15 |

AQUILEGIA

The Aquilegia is one of the showiest perennials, growing from 2 to 3 feet in height. Produces most attractive bright-colored blooms, which make a grand show in either beds or borders. May-July

- | | | |
|------|--|----|
| 789. | LONG-SPURRED HYBRIDS —The graceful blooms are formed of several rows of cornucopia-like petals in different shades of yellow, light and dark blue and white, and all of the long-spurred type. Mixed..... | 20 |
| 790. | CHRYSANTHA (Golden Spurred) Golden-yellow | 15 |
| 791. | COERULEA (Rocky Mountain Columbine)—Violet-blue and white; 2 feet..... | 10 |
| 792. | CALIFORNICA HYBRIDA —Exquisite flowers, in yellow and orange shades, all with low spurs..... | 10 |
| 793. | EWING'S DOUBLE VARIETIES, MIXED | 10 |
| 794. | EWING'S SINGLE VARIETIES, MIXED | 10 |

ANTHEMIS

- | | |
|------|--|
| 795. | Tinctoria —Yellow, 1½ ft. May-June 10 |
|------|--|

ARABIS

- | | |
|------|---|
| 796. | Alpina Nana Compacta 6 inches.. 10
Pure white flowers and compact habit of growth. Makes a fine edging, and is most suitable for rockeries. May-June. |
|------|---|

ARMERIA

- | | | |
|------|--|----|
| 797. | Formosa —The Armeria. Sea Pink, looks well in either beds or edgings, and it is a remarkably free flowerer. July-September..... | 10 |
|------|--|----|

ASTER (or Michaelmas Daisy)

The Hardy Asters are of easy culture and are among the best of all perennials. September-October.

- | | | |
|------|--|----|
| 798. | EWING'S SUPERB MIXTURE —New Large Flowering Varieties.... | 10 |
|------|--|----|

ASTILBE

- | | | |
|------|---|----|
| 799. | DAVIDI —Of strong growth, with elegant foliage, graceful spikes of deep rose-violet flowers on stems 6 ft. high, forming in the garden when established one of the most pronounced and effective plants..... | 25 |
|------|---|----|

AURICULA

- | | |
|------|--|
| 800. | CHOICE MIXED HYBRIDS 25
A very beautiful spring flowering plant, with rich-colored fragrant blooms; 6 inches. May. |
|------|--|



EWING'S SUPERB DELPHINIUMS

BOCCONIA

- | No. | | Pkt. cts. |
|------|--|-----------|
| 801. | JAPONICA —6 ft. Highly decorative foliage plant, with creamy flowers. Summer..... | 10 |

BOLTONIA

- | | | |
|------|--|----|
| 802. | ASTEROIDES —Pure white, fine. 5 to 7 feet..... | 15 |
| 803. | LATISQUAMA —Pink, slightly shaded with lavender. 4 to 6 feet... 15
Among the showiest of our native hardy perennial plants, with large, single Aster-like flowers. | |

CAMPANULA

- | | | |
|------|--|----|
| 804. | CARPATICA or "HAIR BELL"—Mixed, 6 inches..... | 10 |
| 805. | PERSICIFOLIA —2 ft. Blue. One of the best..... | 10 |
| 806. | PERSICIFOLIA ALBA —2 ft. White..... | 10 |
| 807. | PYRAMIDALIS —The "Pyramidal Bell Flower, 4 ft. Mixed..... | 10 |

THE WILLIAM EWING CO., LIMITED



CHATER'S SUPERB PRIZE STRAIN HOLLYHOCK

- No. **CANTERBURY BELLS** Pkt. cts.
 808. **SINGLE** (Mixed); and 809. Rose; 810. White; or 811. Blue. H. b., 2 ft. 10
 812. **DOUBLE** (Mixed); and 813. Rose; 814. White; or 815. Blue. H. b., 2 ft. 10
 816. **CALYCANTHEMA** (Cup and Saucer)—H. h. b., 2 ft. (Mixed); and 817. Rose; 818. Blue; or 819. White 10
 The Campanulas, including Canterbury Bells, which are hardy biennials, are amongst the most showy and effective of all border plants. June-August.
- CENTAUREA**
 820. **MONTANA** (Perennial Cornflower)—1 ft. Silvery foliage. Bright blue flowers..... 10
- CERASTIUM**
 821. **TOMENTOSUM**—Foliage is a beautiful silvery-white. H. p., 4 inches 10
 Indispensable for edgings, mounds, panel-beds and rockwork. Should be sown early, in the house.
- CLEMATIS**
 822. **PANICULATA**—Climber. White, September..... 10
 823. **JACKMANI, MIXED VARIETIES**—H. h. Climber, produces clusters of beautiful flowers, completely hiding the foliage..... 15

- CHRYSANTHEMUM or MOON-PENNY DAISY** Pkt. cts.
 824. **MRS. C. LOWTHIAN BELL**—Undoubtedly the largest-flowered variety of this class of plants. Flowers of the purest white, frequently measuring 6 inches across, with very broad petals of great substance; borne on long robust stems..... 25
 825. **MAXIMUM "KING EDWARD"**—Beautiful large pure white flowers of splendid form; will be found invaluable for cutting..... 25
 826. **LEUCANTHEMUM or SHASTA DAISY**—Introduced from California. Extraordinarily large, pure white and perfect flowers, and bound to become one of the most popular hardy perennials..... 25
- COREOPSIS**
 827. **GRANDIFLORA**—3 ft. One of our finest hardy border plants. Produces an abundance of large single rich deep golden yellow flowers. June-October. 10
- COWSLIP**
 828. **FINEST MIXED**—6 inches. A beautiful spring flower..... 10
- DAISY (Bellis Perennis)**
 Daisies flower from spring to fall, excepting for a short time in midsummer.
 829. **DOUBLE EXTRA CHOICE MIXED**—4 inches..... 10
 830. **DOUBLE LONGFELLOW**—4 inches. Very large deep rose-colored..... 10
 831. **SNOWBALL**—4 inches. Pure white double..... 15
BELLIS PERENNIS "MONSTROSA"
 These new "Double Daisies" surpass all strains of this popular hardy plant. Each plant produces 12 to 15 flowers that measure 2 to 3 inches across, carried on long, strong stems.
 832. **MONSTROSA**—White 25
 833. " Rose 25
 834. " Mixed 25
- DELPHINIUM**
 The Delphinium is one of the most imposing of hardy perennials, producing long spikes of bloom of the most gorgeous shades of color, blue of various shades predominating. Makes particularly striking groups on the lawn or in mixed borders. June-July.
 835. **BELLADONNA, "FANNY STORMONTH"**—The freest and most continuous blooming of all. Keeping in bloom from early July till Fall. The clear turquoise-blue of its flowers is not surpassed for delicacy and beauty by any other flower..... 30
 836. **FORMOSUM**—Deep gentian blue, with white eye. 5 ft..... 10
 837. **CASHMERIANUM**—Dark blue. 3 ft. 15
 838. **ZALIL**—Clear sulphur-yellow flowers. 5 ft..... 15
 839. **DOUBLE VARIETIES IN MIXTURE**—Includes all the newest double hybrids. Extra fine..... 15
 840. **EWING'S SUPERB MIXTURE OF DOUBLE AND LARGE-FLOWERING SINGLE VARIETIES**..... 10
- DIGITALIS**
 The Digitalis or Fox Glove produces a mass of broad dark green root-leaves from which the handsome flower-spikes spring. These 3 ft. long stems are closely studded with drooping bell-shaped flowers, producing a fine bold effect in almost any position. July-Aug.
- DIANTHUS**
 847. (**SCOTICUS or PHEASANT'S-EYE**)—The favorite old Pheasant's-Eye or Grass Pink. 9 inches. Sweet-scented. June..... 20
- ECHINACEA**
 848. **PURPUREA (Rudbeckia)**..... 25
 Reddish-purple flowers, with black cone-like centre, 4 ft. August.
- ERIGERON**
 849. **HYBRIDUS ROSEUS**—1 ft. All summer. Charming rose-colored daisy-like blooms with yellow centre..... 15
- EUPATORIUM**
 850. **FRASERI**—3 ft. White. June-August..... 10

EVERYTHING FOR THE GARDEN--Flower Seeds

No. **FORGET-ME-NOT** Pkt. ct
851. ½ ft. Mixed. May. (See *Myosotis* also)..... 10

GAILLARDIA

The *Gaillardia* is unrivalled for its beauty and continuous flowering. Is of great value for bouquets, and is very hardy.

852. **EWING'S SUPERB MIXTURE OF FINEST GRANDIFLORA VARIETIES**—2½ ft. 10

853. **COMPACTA**—Large, deep scarlet flowers edged golden yellow, 1 ft. 10

GENTIANA

854. **ACAULIS**—¼ ft. Large intense deep blue flowers. August-Sep-tember. 10

855. **LUTEA (Giant Yellow Gentian)**—A fine Alpine species. 3 ft. August. 10

GERANIUM

856. **SANGUINEUM**—1½ ft. Blood red. August. 10

GEUM

857. **ATROSANGUINEUM FL. PL. (Glory)**—Very fine double strain, orange scarlet. 10

858. **GEUM, DOUBLE, MRS. BRADSHAW**—The orange-scarlet flowers are very large and full and come quite true from seed. This is a great advance on any other seedling *Geum*. Height 18 inches. 10

GYPSOPHILA

859. **PANICULATA**—3 ft. Long panicles of white flowers, excellent for cutting; a choice, hardy, herbaceous plant. July-August. 10

860. **DOUBLE-FLOWERING (G. Paniculata fl. pl.)**—A new type bearing in profusion racemes of double white flowers which last long in perfection; 50 per cent. may be expected to come double, the balance single-flowering plants. 25

HELENIUM

861. **AUTUMNALE SUPERBUM**—Produces a single stem which sends out from the top numerous branches, each bearing clusters of pure golden yellow flowers, producing a most ornamental effect. 30

HEUCHERA

862. **SANGUINEA (Coral Plant)**—1 ft. Red. 15
Heucheras throw graceful spikes of delicate flowers, which for cutting cannot be surpassed.

HOLLYHOCK

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year. To get results this season it is necessary to get year-old plants. These we offer with other hardy plants under their proper head. (See cut).

CHATER'S SUPERB PRIZE STRAIN.

No.	Pkt.	cts.	No.	Pkt.	cts.
863. BRIGHT SCARLET	25		867. SALMON	25	
864. WHITE	25		868. ROSY CARMINE	25	
865. CRIMSON	25		869. PINK	25	
866. YELLOW	25		870. SUPERB MIXED	25	

871. **ALLEGHENY**—Flowers have not the stiffness of the ordinary variety, but have loosely arranged, curiously fringed petals, in color varying from pale pink to deep red. 15

872. **FINE DOUBLE MIXED VARIETIES**..... 10

873. **BRILLIANT SINGLE VARIETIES, MIXED**..... 10

HOP

874. **(COMMON)**—Well-known hardy climber. 15

875. **JAPANESE**. (This variety is not hardy)..... 10

IBERIS

876. **(PERENNIAL CANDYTUFT) SEMPERVIRENS**—1 ft. Snowy white. 10

877. **(PERENNIAL CANDYTUFT) GIBALTARICA**—1 ft. Large flowers varying from pale lilac to bluish; fine. May-June. 10

INCARVILLEA

878. **DELAVAYI**—A grand hardy perennial with large *Gloxinia*-like blooms ranging from rose to carmine with golden yellow throat and graceful foliage. Equally valuable for the greenhouse or outdoor culture. 2 ft. 25

KUDZU VINE

879. **PUERARIA THUNBERGIANA**—Called also Jack-and-the-Bean-Stalk. "It beats the Dutch" how fast and far this vine can climb. The first year it will do 10 feet, and the next up to 50. Fine for a permanent vine. 15

LIATRIS

880. **SPICATA (Blazing Star)**—2 ft. Rosy-purple; July-August. Bright and effective. 10

LINUM

881. **(Flax) Perenne**—2 ft. Mixed. August. 10

LOBELIA

882. **CARDINALIS**—2 ft. Crimson-scarlet. July-September. 25

883. **PERENNIAL HYBRIDS**—Mixed. Magnificent strain of hybrid *Lobelias*. Flowers exhibit a wonderful variety of brilliant shades of pink, carmine, rosy magenta, crimson, purple, and rich purple blue. These hybrids bloom with a freedom far exceeding that of the old *L. cardinalis*. 35

LUPINUS

LUPINS are of easy culture and the seeds should be sown where intended to bloom as they are troublesome to transplant. Are amongst the showiest of summer flowering plants, and their long spikes of richly colored blossoms are specially adapted for mixed borders.

884. POLYPHYLLUS —Mixed.....	10
885. " Blue.....	10
886. " White.....	10
887. " Rose Shades.....	10

LYCHNIS

Lychnis should be included in all perennial collections. The large glowing flowers of the *Chalcedonica* varieties are striking. "*Haageana*" is remarkably showy and stands long after being cut.

No.	Pkt.	cts.
888. CHALCEDONICA —Brilliant scarlet, 3 ft. June-August	10	
889. HAAGEANA HYBRIDA —2 ft. Mixed scarlet and white. June-August 10		

MALVA

890. **MOSCHATA (Musk Mallow)**—2 ft. Rose and white. July-September 10

MATRICARIA

891. **EXIMEA NANA (Golden Ball)**—1 ft. Yellow. June-July. 15

MONARDA

892. **DIDYMA**—3 ft. Scarlet. June-August. 25

MONTBRETIA

893. **MIXED**—2 ft. Different shades of orange. July-September. 10

MYOSOTIS (Forget-me-not)

Myosotis Alpestris and *Dissitiflora* are all large-flowering Forget-me-nots, and also of erect, stiff growth.

894. **ROBUSTA GRANDIFLORA**—Blue. 25

895. **DISSITIFLORA**—Large, deep, clear blue flowers. 6 inches. May-June 15

896. **DISSITIFLORA ALBA**—Very beautiful pure white. 6 ins. May-June 15

897. **RUTH FISCHER**—Very large pale blue flowers; plants compact. 25

898. **ROYAL BLUE**—Early and free-blooming; flowers of the deepest indigo-blue, produced in long sprays which are excellent for cutting. Height 12 inches. 25

899. **BLUE GEM**—Very distinct, upright habit. 15

900. **PINK GEM**..... 15

901. **FINEST MIXED VARIETIES (Forget-me-not)**—May-June. 10

OENOTHERA

902. **FRASERI**—1½ ft. Yellow. 10

PEA PERENNIAL

LATHYRUS or **HARDY SWEET PEA**—Grows 6 to 8 ft. high when trained on a trellis; is quite hardy. Flowers are borne in beautiful clusters. July-September.

903. **WHITE PEARL**—Magnificent trusses of large, pure white flowers. 15

904. **PINK BEAUTY**—Rosy pink. 10

905. **RED**..... 10

906. **MIXED COLORS**..... 10

PERENNIAL POPPY

The Poppy is a most valuable and effective border plant, the cut flowers being much prized for vases, etc.

907. **ICELAND**—1½ ft. **Ewing's Superb Single Mixed**. Extra fine. 10

908. **ICELAND**—1½ ft. **Ewing's Superb Double Mixed**. Extra. 10

909. **ICELAND SINGLE**—Yellow. 10

910. **ICELAND SINGLE**—White. 10

911. **ICELAND SINGLE**—Orange-scarlet. 10

The Iceland variety is sweet-scented, and has satin-like flowers of every shade, from pure white to deep scarlet; from May, all summer.

912. **BRACEATUM**—3 ft. Large, blood-crimson flowers with glittering black blotch at base of each petal. July. 10

913. **ORIENTALE**—3 ft. Dark red, leaves dark green. 10

914. **ORIENTALE Queen Alexandra (New)**—The color is unique. Bright rosy-salmon with a conspicuous crimson blotch. Splendid. 15

Magnificent plants of noble aspect for borders, woodlands, wild gardens, etc.

915. **ORIENTALE "Princess Victoria Louise"**—Bright salmon-scarlet. Very fine. 20

916. **ORIENTALE "Rembrandt"**—Magnificent orange-scarlet. The most gorgeous of all. 20

917. **ORIENTALE "Beauty of Livermere"**—Crimson with black blotch. Fine large flowers. 15

918. **ORIENTALE "Salmon Queen"**—Salmon yellow. 15

919. **ORIENTALE "Mrs. Perry"**—A variety of *P. orientale* with immense flowers of beautiful soft salmon-pink shades. 20

920. **EWING'S SUPERB ORIENTALE MIXTURE**—A splendid strain. 10

PLATYCODON

921. **Grandiflora (or Wahlenbergia)**—Large deep blue, 1½ ft. July. 10

922. **Grandiflora Alba (or Wahlenbergia)**—Large pearly-white, 1½ ft. July 10

POLYANTHUS

923. ½ ft. Fine mixed. Most beautiful plant, either for out or indoor decoration. Very hardy and flowers early. May. 10

POTENTILLA

924. **Hybrida**—Double mixed, 1½ ft. 25

925. **Hybrida**—Single mixed. 1½ ft. Produces blooms of velvety texture in crimson, maroon and orange-yellow. June-August. 10

PHYSALIS

926. **FRANCHETTI**—2 ft. In autumn bears handsome orange scarlet seed capsules, resembling Chinese lanterns. 10

PHLOX

The *Perennial Phlox* is one of the most popular and best hardy perennials. Is of erect bushy habit, and produces compact showy heads of bloom of the most beautiful and varied colors. August-September. (See also Plant Department).

927. **EWING'S SUPERB PRIZE STRAIN**—Newest and choicest hybrids in superb mixture. 3 ft. 15

PRIMROSE

928. **VULGARIS**—4 inches. Yellow. May-June. 10

929. **IRISH**—In many colors, 4 inches. May-June. 25

930. **JAPONICA (Japanese Primrose)**—Bright and showy flowers; borne in whorls on stems 6 to 9 inches long; mixed colors. 25

PANSY

The Pansy is a universal favorite, and its charming blooms are most effective in beds, lines or in clumps in the mixed border. The wonderful diversity in the colors and the markings of the flowers, as well as the ease of culture and the length of time it continues to bloom, all contribute to this. We make a specialty of the Pansy.



EWING'S PRIZE STRAIN "PANSY."

- | No. | Pyrethrum | Pkt. | cts. |
|--|--|------|------|
| 931. | DOUBLE MIXED HYBRIDS—A superb strain. 2 ft. June-August.. | 25 | |
| 932. | ROSEUM HYBRIDUM GRANDIFLORUM SINGLE—A grand strain of this fine hardy perennial; producing blooms 3 ins. in diameter, and includes all the beautiful colors, ranging from richest carmine to delicate light rose. Pyrethrums are quite hardy and few herbaceous plants surpass them for effect in the mixed border or for cut flowers. | 10 | |
| ROCKET | | | |
| 933. | SWEET—2 ft. Sweet-scented. All summer. Mixed colors..... | 10 | |
| ROMNEYA | | | |
| 934. | COULTERI—The Giant White California Poppy. Produces in summer large snowy white crinkled flowers, 4 to 5 inches in diameter, with golden yellow stamens, of delicate perfume; 3 ft..... | 15 | |
| RUDBECKIA | | | |
| 935. | NEUMANNI—3 ft. Golden yellow with black centre. August-September..... | 20 | |
| 936. | BICOLOR SUPERBA—2 ft. Branching habit, producing an abundance of blooms on long stems, with brown discs, while the ray florets are yellow, with velvety spots at the base..... | 15 | |
| SAPONARIA | | | |
| 937. | OCYMOIDES SPLENDENS—Valuable early summer plant for rockeries, producing sheets of vivid crimson flowers, 2½ ft. May-August | 10 | |
| SAXIFRAGA | | | |
| 938. | MIXED VARIETIES—15 inches. May-June..... | 10 | |
| SCABIOSA | | | |
| 939. | CAUCASICA—1 ft. Large flowers of soft lilac-blue. July-September | 10 | |
| 940. | CAUCASICA—1 ft. Alba. White..... | 10 | |
| 941. | JAPONICA—New hardy perennial from Japan. Bushy plants, 2½ to 3 ft. in height, bearing on long, wiry stems beautiful lavender-blue flowers, 2 to 2½ inches across, blooms from end of June until late autumn. Fine for cutting..... | 30 | |
| STATICE | | | |
| 942. | LATIFOLIA—1½ ft. Deep lavender-blue flowers in panicles. July-August..... | 10 | |
| STOKESIA CYANEA (Blue Cornflower Aster) | | | |
| 943. | Blue Invaluable for cutting. Lavender-blue blooms 4 to 5 inches across. | 10 | |
| 944. | ALBA—White..... | 10 | |

EWING'S SUPERB GIANT TRIMARDEAU PANSIES

A superior race of luxuriant robust growth and deep-rooting, drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form and colors.

- | No. | Pkt. | cts. |
|---|------|------|
| 945. BRILLIANT—Fiery red..... | 15 | |
| 946. ATROPURPUREA—Velvety royal-purple..... | 15 | |
| 947. GOLDEN QUEEN—Pure spotless yellow..... | 15 | |
| 948. EMPEROR WILLIAM—Indigo-blue, blotched black..... | 15 | |
| 949. KING OF THE BLACKS—Lustrous jet-black..... | 15 | |
| 950. LORD BEACONSFIELD—Lavender, heliotrope and purple..... | 15 | |
| 951. PEACOCK (Gloriosa)—Garnet, cream and blue..... | 15 | |
| 952. WHITE—White with purple eye..... | 15 | |
| 953. SNOW QUEEN—Spotless, snow-white..... | 15 | |
| 954. VICTORIA—Ox-blood red..... | 15 | |
| 955. YELLOW—Golden-yellow. Black eye..... | 15 | |
| 956. ADONIS—Soft lavender blue..... | 15 | |
| 957. PRINCE HENRY—Rich Royal Blue..... | 15 | |
| 958. EWING'S SUPERB PRIZE MIXTURE..... | 15 | |

Collection of 12 separate colors, \$1.50.

Collection of 6 separate colors, 75c.

EWING'S GIANT RUFFLED or MASTERPIECE PANSIES

The flowers are so large and full that the broad petals seem to be "gathered" to the stem, causing them to be undulated and fluted from center to circumference not unlike "frilled" velvet. The flowers are extraordinarily large and are borne on strong stems well above the foliage; they are nearly all five-blotched on the "Odier" pattern, and contain rich combinations of coloring, including some new tints and blendings not met with in other Pansies. The plants are vigorous and large, and flower abundantly.

- | | | |
|------------------------|------|------|
| 959. MIXED COLORS..... | Pkt. | 25c. |
|------------------------|------|------|

EWING'S PRIZE STRAIN PANSIES

- | | | |
|----------|------|------|
| 960..... | Pkt. | 50c. |
|----------|------|------|

The finest strain of Pansy in cultivation, saved only from the largest and best-shaped flowers of the richest colours. It is impossible to convey an adequate idea of the delightful variations in colour and marking of the very handsome Pansies produced by our unrivalled strain.

Comprises all the very best strains of Fancy and Show Pansies, selected from leading growers of Europe and America, so that in one packet will be found examples of all the best classes and styles of Pansies of all shades of colors and markings with blooms of great size and substance.

VARIOUS POPULAR STRAINS OF PANSIES

- | | |
|--|----|
| 961. MME. PERRET—A new and beautiful strain, originated with a French specialist, flowers of large size borne very freely in great diversity of colors, especially rich in red and wine shades. The stock we offer comes direct from the introducer..... | 25 |
| 962. GIANT PARISIAN, LARGE STAINED—A strain of large flowering light color Trimardeau Pansies, with many-faced Pansies—a most attractive strain..... | 25 |
| 963. GIANT ODIER or PRIZE BLOTCHED, MIXED—A large flowered type, with round blossoms. The petals are all blotched at the base and distinctively margined on the edge..... | 25 |
| 964. FINE MIXED..... | 10 |

SWEET WILLIAM

Sweet William is an old favorite; it has large heads of bloom, is quite hardy and flowers early. It should be much oftener seen than it is. We strongly recommend it, and have taken pains to procure a grand strain of seed.

- | | |
|---|----|
| 965. SCARLET BEAUTY—Intensely rich deep scarlet. Really grand advance..... | 15 |
| 966. PINK BEAUTY—Improved fine deep pink color..... | 15 |
| 967. FINE MIXED VARIETIES—All colors..... | 10 |
| 968. EWING'S SUPERB SINGLE STRAIN—Saved from a superb collection of prize large-flowering varieties. 1½ ft..... | 10 |
| 969. PERFECTION AURICULA-FLOWERED, MIXED—Splendid strain with large handsome flowers of brilliant colors, white-eyed and white-margined. 1½ ft..... | 10 |
| 970. EWING'S SUPERB DOUBLE STRAIN—Splendid extra fine varieties..... | 10 |

TANACETUM

- | | |
|--|----|
| 971. VULGARE (Tansy)—2½ ft. Yellow August-September..... | 10 |
|--|----|

THALICTRUM

- | | |
|--|----|
| 972. ADIANTIFOLIUM—3 ft. White fern-like foliage. June-July..... | 10 |
|--|----|

TROLLIUS

- | | |
|--|----|
| 973. NEW MIXED HYBRIDS.—2½ ft. Creamy white to orange. June - July | 10 |
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NEW HYBRID TRITOMAS

Tritomas, popularly known as "Torch Lilies," "Red Hot Poker," "Flame Flowers," etc., are among our showiest hardy plants, producing the brightest flowers of the autumn garden. These new hybrids, crosses between early and late flowering species, are particularly beautiful and varied. They grow from seed and flower well the second year commencing in May and continue to bloom throughout the summer and fall. They range in color through shades and combinations of yellows from pale lemon to orange and from salmon-pink, coral-red, etc., to crimson. The plants vary in height from 18 inches to 6 feet.

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|----------|----|
| 974..... | 25 |
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VALERIANA

- | | |
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| 975. MIXED—4 ft. Blue and lavender. June..... | 10 |
|---|----|

VERONICA

- | | |
|---|----|
| 976. MIXED VARIETIES—2 ft. July-August..... | 10 |
|---|----|

VIOLET

- | | |
|--|----|
| 977. SWEET-SCENTED ENGLISH—Choice mixture of many varieties.. | 10 |
| 978. "THE CZAR" (G. P.)—Very fragrant deep violet flowers..... | 10 |

VIOLAS, or TUFTED PANSIES

- | | | |
|--|----|--|
| While the flowers are not so large as the regular type, they bloom so freely that they are superior to Pansies where effect is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants by June and from then on until frost they are a sheet of bloom. | | |
| 979. ADMIRABILIS—New hybrids, which contain all the varied and brilliant colorings of the best grade of blotched Pansies..... | 15 | |
| 980. LUTEA SPLENDENS—Rich golden yellow..... | 15 | |
| 981. WHITE PERFECTION—A fine pure white..... | 15 | |
| 982. PURPLE QUEEN—Rich purple, free bloomer, compact..... | 15 | |
| 983. MAUVE QUEEN—Pretty starry mauve flowers..... | 15 | |

Summer Flowering Bulbs, Plants, Etc.



"A BED OF CANNAS"

TUBEROUS BEGONIAS

ALL SELECTED BULBS

These are now among the most popular plants for beds of summer flowers. Nothing can exceed the brilliancy and richness of their flowers. From the times the first blossoms appear until all growth is stopped by frost they are never out of bloom.

NEW FRILLED TUBEROUS BEGONIAS—Beautifully frilled with wavy petal 20c. each; \$2.00 dozen.

LAFAYETTE (The Hybrid Tuberous-Rooted Begonia)—Rich brilliant orange-scarlet. 20c. each; \$2.00 dozen.

SINGLE VARIETIES—In separate colors. Scarlet, White, Yellow and Rose. 12c. each; \$1.00 per doz. Mixed Varieties, 12c. each; 90c. per doz.; \$6.50 per 100.

DOUBLE VARIETIES—In separate colors. Scarlet, Rose, Red, Yellow and White, 20c. each; \$2.00 per doz. Mixed Varieties, 20c. each; \$1.80 per doz.

CALADIUM ESCULENTUM

A most effective bright green foliage plant. Extra size, 25c. each; \$2.50 per doz. Large size bulbs, 15c. each; \$1.25 per doz.

CINNAMON VINE

(*Dioscorea Batatas*)—Bulbs, 75c. doz. Hardy climbing bulbous-rooted plant which dies to the ground every fall, starting in spring again and growing 8 to 10 ft. high. Leaves are heart-shaped, with small white flowers. Perfume resembles cinnamon.

GLOXINIA

A charming summer blooming pot plant. Each 25c.; doz. \$3.00

MADEIRA VINE

A sweet-scented climber useful for porches and arbors. Store root before frost comes and plant out in spring. Per doz. 75c.

CANNAS

FLORENCE VAUGHAN—Large orchid flowers of special merit. Bright, rich, golden-yellow, spotted with bright red. The foliage is a bright green. 4 feet high. 25c. each; \$2.50 dozen.

ITALIA (Attractive Orchid-Flowering Canna)—Center brilliant red, petals widely bordered with clear yellow, striking and handsome. Flowers are produced upon strong, sturdy plants; foliage green. 3 to 4 ft. 25c. each; \$2.50 doz.

INDIANA—Giant Orchid-Flowers of orange-yellow overlaid with flame color, very rich and attractive, entirely different from any other Canna. Foliage dark green. Height, 5 to 6 feet. 25c. each; \$2.50 doz.

KING HUMBERT (Up-to-date Orchid-Flowering Canna)—The pride of the Orchid-Flowering Canna; bright orange-scarlet, effectively streaked with crimson. Foliage, bronze, with brownish-green stripes; large, thick and leathery. A strong, robust grower. One of the most satisfactory. Height, 3 to 4 feet. 25c. each; \$2.50 doz.

KING OF BRONZES—Rich bronzy-green foliage, broad, palm-like leaves, heavily-veined and shaded with rich purplish bronze. Flowers pinkish salmon. Height, 5 to 7 feet. 25c. each; \$2.50 doz.

LOHENGRIN—The best green foliage Canna. Lively shade of bright red; strong grower; fine for bedding. 3 to 4 feet high. 25c. each; \$2.50 doz.

PENNSYLVANIA (Superb Orchid-Flowering Canna)—Flowers are extra large, often measuring seven inches across; remarkably free, of an intense vermilion scarlet, overlaid with an orange sheen; foliage rich green. 4 to 5 feet high. 25c. each; \$2.50 doz.

PRESIDENT CLEVELAND—Scarlet, with a deep bronze foliage. Very strong grower. Extra fine for the center of a bed. 6 to 7 feet high. 25c. each; \$2.50 doz.

CHOICE—Assorted, each 20c.; dozen \$2.00. Start in a hotbed or in pots in the house. (Also see Plants Page 74).

TUBEROSE

DOUBLE EXCELSIOR PEARL—Each 6c.; doz. 60c. postpaid \$2.50 per 100 by express or mail at purchaser's expense.

GLADIOLUS

The Gladiolus is one of the most desirable of Summer Flowers. The blooms are of the greatest brilliancy and diversity of color, and cost less money for the display from July to October (by making successive plantings) than any other Flowering Bulb. Plant 6 inches deep in rich soil, any time in May. Take the Bulbs up in October and store over winter in a cool dry cellar. A bed of a hundred or more is a grand sight. Our Mixed Gladioli are all first size bulbs, and will flower well the first season.



GLADIOLUS "AMERICA"

SELECT NAMED GLADIOLUS

AMERICA—Beautiful soft flesh pink, orchid-like in its covering and texture. Conceded to be one of the finest varieties ever sent out. \$3.75 per 100; 55c. per doz.

BARON JOSEPH HULOT—Rich indigo blue, large strong spike. \$4.00 per 100; 60c. per doz.

BRENCHLYENSIS—Vermillion Scarlet. \$3.00 per 100; 50c. per doz.

CHICAGO WHITE—Pure white with lavender markings in throat. Very early. \$4.00 per 100; 60c. per doz.

DAISY RAND—Soft rose-pink flaked with a darker tone, very handsome. 25c. each; \$2.50 per doz.

DAZZLER—Magnificent large Princeps-like flowers of vivid salmon-scarlet with throat blotch on the lower petals of red-orange, further ornamented with carmine-like flakes; fine, long spike, well filled. \$4.00 per 100; 60c. per doz.

EMPRESS OF INDIA—Rich deep purplish red with white markings on lower petals. \$5.00 per 100; 75c. doz.

EUROPA—Snowy white without a trace of color; one of the best whites on the market. 15c. each; \$1.50 per doz.

HALLEY—Delicate flesh rose, with a creamy yellow blotch on the lower petal, flowers measuring 6 inches. \$3.00 per 100; 50c. per doz.

IDA VAN—Beautiful deep salmon-red or flaming orange-pink; very rich color. \$5.00 per 100; 75c. per doz.

LEIBESFEUER—Fiery scarlet, with orange shading; lower segments striped violet-brown. 25c. each; \$2.50 per doz.

MRS. FRANCIS KING—Large orange-red flowers; extra for early forcing. \$3.50 per 100; 60c. per doz.

MRS. FRANK PENDLETON—Flowers very large, of a lovely flushed salmon-pink, with a brilliant carmine blotch on throat presenting a vivid contrast. 12c. each; \$1.25 per doz.

PANAMA—Very deep pink, one of the best gladiolus for forcing. Spike very long, with flowers well arranged on the stem. \$5.00 per 100; 75c. per doz.

PEACE—A grand white with pale lilac featherings on interior petals; large flowers correctly placed on a heavy straight spike. 10c. each; 90c. per doz.

PINK PERFECTION—Bright pink; very large, beautiful flower. 12c. each; \$1.25 per doz.

PRIMULINUS HYBRIDS—Colors range from pure yellow to orange, white, pink. Every bulb gives three blooms. \$4.00 per 100; 60c. per doz.

SCHWABEN—Pure canary-yellow, shading to a soft sulphur-yellow. \$5.00 per 100; 75c. per doz.

WILLY WIGMAN—Creamy white with soft carmine blotch. \$4.50 per 100; 75c. doz.

EWING'S IMPROVED MIXTURE—Consists of high-grade varieties selected very carefully, with the purpose of securing a well-balanced combination of colors. \$2.75 per 100; 40c. per doz.

EWING'S SUPERB MIXTURE—A very fine mixture of all colors. \$2.25 per 100; 35c. per doz.

RUFFLED VARIETIES

KUNDERDI GLORY—Beautiful creamy-apricot with light tint of pink and fine markings of red on lower petals. Can be grown over five feet tall with high culture. We give this first place as it is the first scientifically-produced Ruffled Gladiolus ever sent out. It has received many certificates and awards, is known all over the world, and is the parent of many new varieties. 20c. each; \$2.00 doz.

DREAM—Large, massive bloom. Deep salmon red, very showy blotches. Extra fine. 50c. each; \$5.50 doz.

WHITE GLORY—A gorgeous pure white of exact size and type as "Kunderdi Glory," with beautiful, Iris-blue throat. Fine as a delicate iris. 40c. each; \$4.00 doz.

YOUELL'S FAVORITE—Large flower and plant. Striking rosy lavender pink. Conspicuous and fine. 25c. each; \$2.50 doz.

DAHLIAS

UP-TO-DATE NEW FRAGRANT PEONY- FLOWERED DAHLIAS

JOHN GREEN—Attractive New English Peony-Flowered Dahlia. The coloring is exceptionally attractive and intensely brilliant, being a clear-golden yellow which quickly changes to fiery scarlet. A great feature of this variety is its lasting qualities, the flowers remaining in full beauty for over a week unhurt by rain or sun. Awarded First-class Certificate by the National Dahlia Society at Crystal Palace, London. 60c. each.

GLORY OF BAARN—A gem of wonderful size and coloring, being a delightfully clear soft pink. The beautiful golden yellow center completes a most fascinating variety. 50c. each.

BARON C. DE GRANCY (Fragrant Peony-flowered Dahlia)—A perfect wonder. Its remarkable qualities being excellent type, perfect form and purity of color. The flowers are borne in a miraculous profusion upon long, graceful stems. The color is a waxy, almost glistening, pure white.

DR. PERRY—Without exception the very finest dark Peony-flowered Dahlia in existence. A rich, velvety wine-crimson, or dark mahogany. Flowers large, and identical in form and shape to "Geisha." 50c. each.

P. W. JANSEN—A most satisfactory variety. The novel color is rosy-salmon daintily overlaid a beautiful shade of yellow; an elegant flower borne on stout, erect stems.

LARGE DOUBLE SHOW AND DECORATIVE DAHLIAS

ARABELLA—Sulphur yellow, tipped pinkish-white.

DOROTHY PEACOCK—Beautiful clear, live pink.

LE GRAND MANITOU (New)—A gigantic flower, white, striped and splashed reddish-violet, the largest and best fancy decorative Dahlia to my knowledge 35c. each.

Mme. ALFRED MAREAU—This is the largest and finest deep pink Show Dahlia to my knowledge. 35c. each.

SOUV. DE GUSTAVE DOUZON—Beautiful orange scarlet, largest scarlet decorative, very free. One of the best.

STORM KING—The most reliable White Snow Dahlia to my knowledge; pure white, flowers produced freely upon long stems, well above the foliage.

MERLIN—A beautiful orange-scarlet. One of the very finest dahlias ever offered.

MARY D. HALLOCK—Canary yellow, very popular.

ORA DOW—A beautiful velvety maroon, effectively tipped white.

PRINCE OF ORANGE—Orange, overlaid chrome-yellow, very novel.

PRINCESS JULIANA—Holland Dahlia Specialists claim this the finest white decorative for cut-flower purposes, and also the best flowering. 35c. each.

REINE CHARLOTTE (New). A giant purple-crimson, free-flowering. 35c. each.

The above varieties 30c. each, \$3.25 per doz. except where noted.

Set of above 12 varieties \$3.50.

GIANT-FLOWERING OR COLOSSAL DAHLIAS.

AMERICAN BEAUTY—The flowers are of gigantic size and produced on long, heavy stems, well above the foliage. The color of this acquisition is a gorgeous wine-crimson. "American Beauty" is the largest and best of its color in existence, and can be highly recommended. 50c. each.

J. M. GOODRICH—Gigantic new Decorative seedling. It has size and beauty, exceptionally long stems, and is free-flowering. The coloring is entirely new, and wins instant favor. A beautiful salmon-pink, each petal effectively tipped primrose-yellow. 50c. each.

YELLOW COLOSSE—An ideal Dahlia that appeals to everyone on account of its distinct color, gigantic size and beautiful appearance. This magnificent variety is the best exhibition yellow in existence, being rich, refined and delicate. 50c. each.

Set of above 3 varieties, \$1.35.

DOUBLE POMPON DAHLIAS

AMBER QUEEN—Rich, clear amber, shaded apricot, one of the best.

DARKEST OF ALL—Nearly black, fine form, free.

FAIRY QUEEN—Sulphur edged pink, exceedingly free.

FASCINATION—Pink and lavender, sometimes blotched white.

LITTLE BESSIE—Cream white, extra fine and free.

SUNBEAM—Crimson-scarlet, ex. fine form, one of the best.

The above varieties and many others, 20c. each; \$2.00 per doz

SUPERB SINGLE CENTURY DAHLIAS

ROSE-PINK CENTURY—Beautiful rose-pink shade, flowers borne on long stems.

BLANCHE—Pale yellow, faintly tipped pink, one of the best of the Century type.

20TH CENTURY—Purest white at both base and tips, center of each petal delicate blush rose.

THOMAS BECKET—Crimson lake, with bright yellow ring at center.

WILDFIRE CENTURY—Brilliant flaming scarlet, with orange-red suffusion at base.

The above varieties 35 cents each, or this grand set of 5 Novelties for \$1.50.



CACTUS DAHLIA
W. B. CHILDS

EXTRA SELECT CACTUS DAHLIAS

AURORA—Orange-yellow, heavily overlaid soft pink, occasionally tipped white. 35

COUNTESS OF LONSDALE—Deep salmon red, one of the very best, free 30

EUREKA—This variety has all the good qualities of the Dahlia, being properly named. Color, very deep purple. Petals long, straight, and tightly quilled. 35

GENERAL FRENCH—Orange terra-cotta. A beautiful deep orange, quickly changing to gold. An exquisite blending of colors not common in Dahlias. 35

GOLDEN GATE (Hybrid Cactus)—Deep orange yellow, overlaid bronze. 35

ICEBERG—Ivory white, with pale yellow cast at centre. Petals long, quilled and narrow. Extra fine form. 45

J. H. JACKSON—The largest and best dark Cactus Dahlia to date; almost black. 35

MISS DOROTHY OLIVER—Primrose at base, tipped pure white. Very narrow florets. Delicate and attractive. 30

REINE CAYEUX—An exceptionally free-flowering variety of great substance. Flowers are of good size, of a beautiful ruby-crimson, and are borne on long, graceful stems. Excellent for exhibition purposes. 40

T. A. HAVEMEYER—A distinct yellow shade at the base, deepening to bronze. The greater portion of the flower being deep red, with a decidedly lighter tinge at the points. 35

T.G. BAKER—Very large, finely formed flowers on long, stiff stems. The best clear bright yellow cactus. 35

W. B. CHILDS (Hybrid Cactus)—Blackish maroon with purple shadings, one of the very best. 40

Above fine set of 12 varieties, \$4.00

SINGLE DAHLIAS—Assorted colors. \$2.00 per doz. 20

DOUBLE DAHLIAS—Extra fine mixed \$2.00 per doz. 20

ROSES, SHRUBS, AND ALL HARDY PERENNIALS WE BOOK FOR FALL DELIVERY ONLY.

In placing our List of Hardy Perennials before our customers, we have, after some years of careful experiment and a thorough canvass of the opinion of experts throughout the country, decided that Fall planting of all Hardy Perennials, Shrubs, etc., gives decidedly the best results; so that we have decided to book orders for this class of plants for Fall delivery only. In the case of Spring planting, our experience has been that at least 75 per cent. of the plants failed to recover their vitality till the fall, the result being a whole season lost, the customer dissatisfied, and the seedsman coming in for the blame, though not rightfully entitled to it. In the majority of cases, customers call for plants when the season is well advanced, and as most of the Hardy Perennials start root action immediately the frost is out of the ground, it can readily be seen that Perennials put in even up till the middle of October will make roots and get ready to start growth immediately the frost is out of the ground in Spring, thus giving satisfaction to both buyer and seller, as results are bound to be satisfactory. We would like to give a few suggestions as to culture, for the Perennials, as a class, are so amenable to a little good treatment, that they return with interest a hundredfold any little pains taken with them. If the weeds are kept down, the ground kept well cultivated between the plants, they will thrive apace. Do not forget, when planting, that you are putting in a permanent tenant, so prepare your soil accordingly. Dig the holes deeply and fill nearly to the top with well-rotted manure, then put in the plants and cover up with good soil and water well, so as to wash the earth in thoroughly between the roots. There is no more trouble then, until putting on the annual mulch in the Fall. Excellent results may be obtained through an application of liquid manure during flowering season. We shall be pleased to advise our customers as to color blending, as indiscriminate planting often causes violent color contrasts. Also be careful in graduating according to height from the back of the border down to the edge of the walk. The end of August is about the proper time to commence planting Peonies, Iris, Hardy Lilies, etc. Owing to war conditions, we have been unable for a few seasons to obtain French or Dutch grown Roses, but we expect to have a full line of all the old favorites as well as the latest varieties of Hybrid Teas, Teas, Hybrid Perpetuals, Shrubs, Climbers, etc., for planting next Fall.

ROSE NOVELTIES

OLD GOLD

In bud form this Rose appeals to everyone on account of its wonderful color which is entirely distinct from and not found in any other Rose, a vivid orange red, with coppery-red and apricot shadings, and which is further set off by the healthy, glossy, bronze-green foliage; delightfully fragrant; a vigorous grower and very free-flowering. Awarded Gold Medal National Rose Society of England. 75c. each.

MME. EDOUARD HERRIOT

The combination of color shown in the buds and flowers is distinct and charming. In the bud it is coral-red shaded with yellow at the base, the open flowers coral-red shaded with yellow and bright rosy-scarlet, passing to a shrimp-red; flowers of medium size, well formed and not too full. The plant is a most vigorous grower, of a spreading, branching habit, with ample bronzy-green foliage. 75c. each.

MEVROUW DORA VAN TETS

An introduction of the Holland Rose specialists, Leenders & Co., which in competition with introductions from Rose specialists from the entire Rose-growing world was awarded the Grand Prize, a Gold Medal, at the Bagatelle Gardens in Paris in 1914 for the best foreign Rose shown, also a Gold Medal by the Holland National Rose Society. In color, it is a glowing, deep crimson with velvety shadings; the flowers are of medium size, moderately full; of robust, vigorous growth, and always in bloom. 60c. each.

MRS. WEMYSS QUINN

This famous rose took first prize at the International Show in France in open competition with the world. Colour dark canary, richly scented, and is one of the best Irish roses of recent years. 75c. each.



BED OF FRAU KARL DRUSCHKI ROSES

EVERYTHING FOR THE GARDEN-- Plants

ROSES—Continued

HARDY HYBRID EVERBLOOMING TEA ROSES

OF SPECIAL MERIT

The first six named have all been awarded the Gold Medal of National Rose Society, England. The first six at 60c. each—the six \$3.00.

1. **BRITISH QUEEN**—H. T. (McGredy & Sons, Ireland), without doubt the best white rose in existence, far superior to White Killarney as an indoor, or to Frau K. Druschki as an outdoor rose. For form and refinement it stands in a class by itself. It is of free blooming habit and the best rose that has been introduced for years.
2. **LAURENT CARLE**—Produces its large, deliciously scented, brilliant carmine perfect flowers throughout the season, nearly as good in hot, dry weather as under more favorable weather conditions. The plant is a vigorous grower, and is as hardy as a Hybrid Perpetual.
3. **GENERAL SUPERIOR ARNOLD JANSSEN**—This Holland introduction, after two seasons' trial, has shown up most satisfactory in our grounds; in color an effective deep glowing-carmine, with long, finely-formed buds, the open flowers full and sweet; a splendid long-stemmed cut flower.
4. **LADY ASHTOWN**—One of the freest-flowering varieties in the collection, and produces perfect blooms under all weather conditions. The flowers are large, double, with high-pointed centre, and are produced on long stems; splendid for cutting; in color a soft rose, shading to yellow at the base of the petals.
5. **SUNBURST**—(Pernet, Ducher). Long pointed buds on strong long stems, large full flowers of superb cadmium yellow with orange centre, one of the best yellow roses grown, and as a forcing rose it is unequalled.
6. **MARQUISE DE SINETY**—Every one who has seen this beautiful Rose is enthusiastic over it. The buds are of a rich yellow-ochre, suffused with carmine; the expanded flower, which is of good size, is fairly double, of perfect cupped shape, and of a rich golden-yellow or Roman ochre, shaded with bright rosy-red, delightfully fragrant.
7. **EDWARD MAWLEY**—Deep velvety crimson, of enormous size, free blooming and very fragrant.
8. **RAYON D'OR (Hybrid Briar)**—Color, intense orange-yellow as the bloom begins to open, turning to Sunflower-yellow when fully expanded; fine bronze-green, glossy foliage.
9. **COUNTESS OF GOSFORD**—A splendid, free blooming rose, large size, perfect form, long buds, salmon pink shading to saffron yellow.
10. **MME. SECOND WEBER**—A grand Rose in every way. It is a vigorous grower, free-flowering, large, perfectly formed, cup-shaped, fragrant flowers of marvelous beauty. In color it is of that soft shade of light, salmon-pink which appeals to everyone. 50c. each.

11. **J. B. CLARK**—Deep scarlet, finely formed, extra large flowers, with high centre and a strong leathery foliage.
12. **MOLLY SHARMAN CRAWFORD**—While introduced as a Tea Rose we have in our trials found it quite as hardy as the Hybrid-Tea varieties, and we therefore include it in collection as the best white everblooming. The flowers on first opening are creamy-white, becoming purer as they expand; they are large, full, double and delightfully fragrant, and are produced very freely and last a long time in good condition. 50c. each.
13. **MAD. RAVARY**—Long pointed buds of a beautiful deep golden yellow 50c.
14. **PRINCE DE BULGARIE**—Delicate flesh-shaded salmon. 50c. each.
15. **MDME. ABEL CHATENAY**—Beautiful carmine, the most popular rose in England as a cut flower, succeeding equally here. 50c. each.
16. **JONKHEER J. L. MOCK**—A variety which we can confidently recommend as a most sterling novelty. The flowers, which are produced with the greatest freedom, are borne on stiff, erect stems, are of large size and perfect form, of a deep imperial pink, the outside of the petals silvery rose-white and highly perfumed. Awarded two gold and one silver medal. 50c. each.
17. **GRUSS AU TEPLITZ**—Scarlet crimson, full and cupped, blooming in large clusters. 50c. each.
18. **KILLARNEY**—Brilliant carmine, long pointed buds. 50c. each.

Collection of above eighteen Superb Roses, all strong 2 year old plants, \$8.00

RUGOSA ROSES

- BLANC DE COUBERT**—Double white. 50c. each.
HANSA—Double red. 50c. each.
SINGLE—Pink, white or red. 40c. each.

SWEET BRIAR

THE OLD ENGLISH VARIETY—40c. each.

CHOICE HARDY HYBRID PERPETUALS

SCARLET AND BRIGHT RED

- ULRICH BRUNNER**—Cerise red.
DUKE OF EDINBURGH—Vermilion.
DUKE OF CONNAUGHT—Bright scarlet.
HUGH DICKSON—Large bright red.

CRIMSON AND DARK RED

- CAPT. HAYWARD**—Crimson Scarlet.
GEN. JACQUEMINOT—Dark glowing crimson.
PRINCE C. de ROHAN—Fiery crimson.
HIS MAJESTY—Splendid dark red.
CHAS. LEFEBRE—Deep scarlet.
MOSS—Red.

YELLOW

- SOLEIL D'OR**—Copper yellow.
PERSIAN YELLOW—Bright yellow.
GLOIRE LYONNAISE—Yellow.

Two-years-old Plants, which will bloom the first season after planting. 50c. each. \$5.00 per doz.
 Special quotations for lots of 100 and upwards

CLIMBING AND RAMBLER ROSES

AVIATEUR BLERIOT (The New Yellow Rambler)—We have discarded the old Yellow Rambler in favor of this new variety, in which we have a strong-growing plant with beautiful, glossy, insect and disease-proof foliage, and bearing large clusters of medium-sized full double flowers of a saffron yellow, deepening to an almost golden-yellow at the centre. Strong two year plants. 60c. each.

WHITE RAMBLER—Thalia. 1 yr. 35c.; 3 yrs. 50c.

HARDY EVERBLOOMING BABY RAMBLERS

- BABY RAMBLER**—Bright crimson, very free blooming. 2 yrs. 35c.; 3 yrs. 50c. each.
CATHERINE ZEIMET—White, very free blooming. 2 yrs. 35c.; 3 yrs. 50c. each.

PINK AND ROSE SHADES

- CAPT. CHRISTY**—Rose.
A. DIESBACH—Carmine.
JOHN HOPPER—Rosy crimson.
MAGNA CHARTA—Bright pink.
MRS. JOHN LAING—Soft pink.
PAUL NEYRON—Clear dark pink.
CRESTED MOSS—Pink.

WHITE

- FRAU KARL DRUSCHKI**—This is the ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way.
MARGARET DICKSON—Pure white, very fine.
PERLE DES BLANCHES—White, free bloomer.
MOSS—White.

- FLOWER OF FAIRFIELD (Everblooming Crimson Rambler)**—Of vigorous growth, commencing to bloom in spring and continuing till frost sets in. Strong 2 yr. plants, 60c. each.
DOROTHY PERKINS—Shell pink, very double and a strong grower, blooming profusely. Winner of Nickerson Cup in England. Strong 2 yr. plants, 40c.; 3 yrs. 50c. each.
CRIMSON RAMBLER—Too well known to need description, a universal favorite. 1 yr. 35c.; 3 yrs. 50c.

- ORLEANS**—One of the very best pink everblooming. 2 yrs. 35c.; 3 yrs. 50c. each.
ERNA TESCHENDORFF—A sport of Baby Rambler, of a brilliant red color, strong grower and responds very freely to a little care. The best of its class and color. Strong 2 yr. plants, 50c.; 3 yrs. 75c. each.

Small Fruits, Bedding and Seedling Plants

BEDDING PLANTS

Please note pot grown plants cannot be sent by mail.

	Per doz.	Per 100
AGERATUM—Pot grown.....	\$1.00	\$7.00
ALYSSUM— “ “	.75	6.00
ANTIRRHINUM—Choice varieties.....	.35	
ASTERS— “ “	.40	
“ “ “ Seedlings.....		2.50
BALSAMS— “ “	.40	
BEGONIAS—Pot grown. Single.....	2.50	
“ “ “ Double.....	3.00	
CANNAS— “ “	2.50	
CARNATION MARGUERITE—Pot grown.....	.75	
COLEUS—Pot grown.....	1.25	
COSMOS—Pot grown.....	.75	
DAHLIAS—Pot grown. Good strong plants. Each 30c.....	3.00	
DIANTHUS.....	.50	
FUSCHIAS—Pot grown. Single and double. Each 20c. to 50c.....		
GERANIUMS—Pot grown. Single and double.....	2.00	
HELIOTROPE—Pot grown. Single and double.....	1.75	
KOCHIA— “ “	.50	
LOBELIA “ “	.75	6.00
MIGNONETTE—Pot grown.....	.75	
MARIGOLD, FRENCH AND AFRICAN.....	.40	
NASTURTIUM—Pot grown. Dwarf and tall.....	.75	
NICOTIANA— “ “	.75	
PANSY—Choice.....	.50	
“ Ewing's Prize Strain.....	1.00	
PETUNIA—Pot grown. Double. Each 20c.....	2.00	
“ Giants of California. Single.....	1.50	
“ Choice varieties.....	1.00	
PYRETHRUM (Golden Feather).....	.40	
RICINUS or CASTOR OIL PLANTS. Each 20c. to 30c.....		
SALVIA—Pot grown.....	2.00	
STOCKS—Pot grown.....	.75	
VERBENA—Pot grown.....	.75	

FERNS FOR HOUSE

BOSTON WHITMANI SCOTTI	From 50c. to \$5.00
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Please note these cannot go by mail.

VEGETABLE PLANTS

ASPARAGUS—2 years old.....	per 100	\$1.25
“ 3 “	“	1.75
CABBAGE—In variety.....	per doz.	.20
CAULIFLOWER.....	“	.30
CELERY—Transplanted.....	“	.20
CUCUMBER—3 in a pot.....		.25
MELON, MONTREAL NUTMEG—3 in a pot.....		.30
EGG PLANT—3 in a pot.....		.25

VEGETABLE PLANTS—Continued

PEPPERS.....	per doz.	.50
TOMATO PLANTS—Transplanted, per doz. 50c.....	per 100	3.50
“ Pot grown.....	per doz.	1.00
RHUBARB ROOTS—Strong, 2 years old, each 25c.....	per doz.	2.50

GRAPES

HARDY varieties, including Agawam, Concord, Brighton, Barry, Champion, Lindley, Niagara, Moore's Early, Wilder, Delaware, Merrimac and many other sorts; all at 30c. each; or \$3.00 per doz.

RASPBERRIES

“DEVONIAN”

A splendid new variety of robust growth, attaining a height of 7 to 9 feet in a season. The canes are heavily laden with large clusters of red fruit, many trusses carrying fifty to sixty large conical berries of splendid quality, and it is without doubt one of the heaviest bearers in cultivation. 25c. each; \$2.50 per dozen.

ST. REGIS EVERBEARING

Hardy as an oak tree; canes endure severest cold uninjured; leaves never scald or sunburn. 20c. each; \$2.00 per doz.

CUTHBERT—Red.

GOLDEN QUEEN—Yellow.

HILBORN—Black.

And many other varieties at \$1.00 per doz.

“CUMBERLAND”—The new black raspberry. Is perfectly hardy, the fruit of finest quality, immense size, and is very productive. 15c. each; \$1.50 per doz.

BLACKBERRIES

SNYDER—A very productive, medium-sized sort.

TAYLOR'S PROLIFIC—The largest hardy sort.

ERIE—Early and large.

And many other varieties at \$1.00 per doz.

CURRANTS

LEE'S PROLIFIC—Black, large, grand cropper.

FAY'S PROLIFIC—Red berries, large and an abundant bearer.

WHITE DUTCH—A splendid variety.

And many other sorts at \$1.75 per doz.

GOOSEBERRIES

HOUGHTON—A fine small red berry.

DOWNING—Large green.

PEARL—Green and very productive.

And many other sorts, at \$2.00 per doz.

The following English Gooseberries, 25c. each; \$2.50 per doz. and succeeds in all localities.

KEEPSAKE—Extra fine large green berries.

CHAMPAGNE—A splendid large yellow sort.

STRAWBERRIES

All the best varieties, including Gandy, Dominion, Senator Dunlop, Sharples, Manchester, Capt. Jack, Sample, Glen Mary, New York, at \$1.50 per 100.

THE ST. JOSEPH EVERBEARING—Pale red oval-shaped berries. A strong grower and very hardy. \$3.00 per 100.

Stock of the above variety limited for this season orders booked for fall delivery.

Flowering Shrubs and Ornamentals

Hardy flowering Shrubs do not receive the attention that their importance merits, for in the embellishment of Flower Gardens, Lawns and Pleasure Grounds, they play a most important part in producing a pleasing effect by their variety of form, the beauty of their flowers and the different seasons at which they bloom. In many cases they are simply planted to fill up some odd corner, where nothing else will grow, whereas they deserve the most prominent positions and careful culture, and this they will repay a thousand fold. Prices are according to the size of the plants.

LILAC, VULGARIS (Common White and Purple)—35c. and 50c. each.

LILAC, CHARLES X.—Reddish purple; trusses large, vigorous. 60c. each.

LILAC, MARIE LEGRAYE—The finest white sort. 60c. each.

LILAC, Mme. CASIMIR PERIER—The finest double white Lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the truss are of immense size, deliciously scented; fine for cutting. 75c. each.

LILAC, PRESIDENT GREVY—Magnificent panicles of large double blue flowers. 75c. each.

LONICERA TATARICA (Bush Honeysuckle)—Pink flowers, contrasting beautifully with the foliage; blooms in June. 30c. and 50c. each.

LONICERA VIRGINALIS ALBA (White Tartarian Honeysuckle)—A creamy-white colored variety of the above, flowering during May and June. 30c. and 50c. each.

LONICERA GRANDIFLORA ROSEA—A large-flowered form with bright red flowers striped with white; flowers in June. 30c. and 50c. each.

MAHONIA AQUIFOLIA (Evergreen Holly)—A dwarf shrub with shiny green foliage and yellow flowers. 60c. each.

PHILADELPHUS CORONARIUS (Garland Mock Orange)—This is the popular tall variety; very sweet and one of the first to flower. 25c. and 50c.

PHILADELPHUS CORONARIUS AUREA (Golden-leaved Mock Orange)—Fine golden-yellow foliage contrasting beautifully with the dark leaves of other Shrubs. 25c. and 50c. each.

AMORPHA FRUTICOSA (False Indigo)—A strong-growing Shrub, from 6 to 7 feet high, with finger-like spikes of indigo-colored flowers, three or more spikes in a cluster; bloom early in June. 50c. each.

ALTHEA, or HIBISCUS (Rose of Sharon)—Purple, red or white. September. Each, 35c. and 50c.

BERBERIS PURPUREA (Purple-Leaved Barberry)—Dark purple foliage. 25c. and 50c. each.

BERBERIS THUNBERGII (Japanese Barberry)—Dwarf handsome, shining foliage which turns coppery-red in autumn; its bright red berries hang throughout the entire winter. Large plants, 35c. and 50c. each.

BERBERIS VULGARIS (Common Barberry)—June. 25c. and 35c. each.

CARAGANA ARBORESCENS (Siberian Pea Shrub)—Pretty yellow pea-shaped flowers in June. 35c. and 50c. each.

CYDONIA MAULEI (New)—An improvement on Japonica. Deep pink flowers, 50c. each.

CYDONIA JAPONICA (Japan Quince)—30c. and 50c. each. Deep scarlet. Flowers in May. 3 ft.

DESMODIUM PENDULIFLORUM—50c. and 75c. each.

A profuse bloomer with pretty rose-colored flowers covering the bushes from August till frost comes.

DEUTZIA GRACILIS—White. 25c. and 50c. each.

DEUTZIA LEMOINEI—An excellent hardy shrub, producing pure white flowers, borne on stout branches, which are of upright growth. Habit dwarf, and free flowering. 50c. each.

HYDRANGEA PANICULATA GRANDIFLORA—The showiest of autumn shrubs, bearing immense heads of creamy white flowers turning to pleasing shades of red. Each, 50c.
Extra large plants, 3 years old. Each, \$1.00

HYDRANGEA ARBORESCENS GRANDIFLORA FORMA NOVA (New)—Snowball Hydrangea. A grand acquisition. Blooms are round, snow-white and of large size. \$1.00.



PRUNUS TRILOBA (Double-flowering Plum)—A showy and interesting tall-growing shrub, bearing in May on its long slender branches a wealth of lovely, large pink double flowers. One of the finest spring-blooming shrubs. 50c. and 75c. each.

SPIRÆA VAN HOUTTEI—By many this is regarded as the finest of all spiræas and it is assuredly one of the most esteemed shrubs in cultivation. It forms an erect bush with graceful arching branches well covered with neat, rich green foliage, and in early summer a profusion of large pure white flower clusters, very hardy and a most effective shrub. Each, 25c. and 50c.

SPIRÆA ANTHONY WATERER—Brilliant rosy carmine flowers in dense clusters; blooms all summer, Each, 25c. and 50c.

SYMPHORICARPUS RACEMOSUS (Snowberry)—A well-known shrub with small pink flowers and large white berries. 35c. and 50c. each.

WEIGELIA ROSEA—Soft rosy carmine. 35c. and 50c. each.

WEIGELIA ALBA—White. 35c. and 50c. each.

WEIGELIA HYBRIDA EVA RATHKA (New)—50c. and 75c. each. The blooms of this new variety are brilliant crimson.

VIBURNUM OPULUS STERILIS (Snowball or Guelder Rose)—The popular white Snowball filled with large pendant balls of white, flowers in May. 25c. and 50c. each.

VIBURNUM PLICATUM (Japan Snowball)—One of the choicest hardy Shrubs with healthy dark foliage; the perfect balls of pure white flowers are borne in great profusion in May. 30c. and 60c. each.

Will be pleased to make estimate on quantity needed for stated space with special quotations.

Special quotations to large buyers.

HEDGES AND SCREENS

PLEASE READ CAREFULLY BEFORE ORDERING.

It must be distinctly understood by the purchaser of these plants that while we use our utmost care to have all plants of strong and healthy growth, we will NOT IN ANY WAY BE RESPONSIBLE FOR THEIR GROWTH. However, if any of the shipments should not prove satisfactory, you will require to notify us immediately on receipt of goods.

So much depends upon the care and season following the planting that once the goods arrive in good condition our responsibility ceases.

Thousands of plants die each year for want of proper setting and care until established.

We receive so many inquiries concerning suitable shrubs for planting as permanent hedges or screens, that we are induced to make special mention of a few of the most useful and ornamental sorts in sizes practicable to such purposes.

By using medium-sized plants a hedge can be made as cheaply as a good board fence, and then, with a little care, it becomes every year more and more a thing of beauty. Such hedges continue as a principal attraction in our best kept places. Order early as plants should not be planted when in leaf.

BERBERIS THUNBERGIANA—Should be planted 12 to 15 inches apart.

15 to 18 inch plants.....\$30.00 per 100
24 to 30 inch plants.....35.00 per 100

BERBERIS PURPUREA (Purple-leaved Barberry)—

18 to 24 inch plants.....\$20.00 per 100
24 to 36 inch plants.....25.00 per 100

BERBERIS VULGARIS (Common Barberry)—

18 to 24 inch plants.....\$20.00 per 100
24 to 36 inch plants.....25.00 per 100

HONEY LOCUST—Makes a very strong and long-lived hedge and one of the best for turning stock. Plant 8 to 10 ins. apart. 1 year old plants, \$8.00 per 100; 2 years, \$10.00.

PHILADELPHUS AUREA—

Golden leaved Mock Orange. 2 ft.....\$30.00 per 100

SPIREA VAN HOUTTEI—One of the most beautiful of all hedge plants. One mass of white when in bloom, and still beautiful in form and foliage until frost removes the leaves.

24 to 36 inch plants.....\$30.00 per 100

HARDY CLIMBING PLANTS

Climbers should be more used than they are. They are capable not only of transforming many an unsightly structure into a thing of beauty, by covering it with a mass of beautiful foliage and flowers, but such varieties as Ampelopsis Clematis, etc., beautify the finest mansions and villas. We strongly recommend them all.

AMPELOPSIS VEITCHII (or Boston Ivy).—25c., 50c., 75c. each; \$2.50, \$5.00, \$8.00 per doz., according to size. Special prices per 100 to large buyers. One of the most ornamental climbers, clinging to the smoothest wall.

AMPELOPSIS QUINQUEFOLIA (Virginia Creeper).—30c. each; \$2.50 per doz.

AMPELOPSIS ENGLIAMANNI.—Very hardy and resembling the Virginia Creeper. Clings like the Boston Ivy. Best of all Ampelopsis. Each, 50c. and 75c.

ACTINIDIA POLYGAMA.—Strong plants. Each 75c.

A climber of rare beauty. Flowers which appear about the end of June are creamy white, with the perfume of the Lily of the Valley. Beautiful foliage and berries. Remarkably free from insects. Is a rapid grower.

ARISTOLOCHIA SIPHO (Dutchman's Pipe).—A beautiful vine of strong growth, with showy, broad and handsome heart-shaped, light green leaves, which overlap each other and make a perfect screen. The inconspicuous green and purple flowers are very curious in their resemblance to a Dutch pipe. 50c., 75c. each; \$5.00, \$8.00 per doz., according to size of plants.

LATHYRUS LATIFOLIUS (Hardy Everlasting Pea).—

LATHYRUS LATIFOLIUS ROSEA.—Pink. 30c. to 50c. each.

NEW HARDY EVERLASTING PEA "WHITE PEARL".—A magnificent pure white variety, with individual flowers fully double the size of the ordinary sort. These are produced in really gigantic trusses, and are of the purest white and in bloom throughout the entire summer and early fall. A valuable acquisition that is already very popular. Strong roots 50c. each.



LARGE FLOWERING CLEMATIS

BANGHOLM BELLE.—Robust habit. Pure white. 50c. each.

BOSKOOP SEEDLING.—Extra large lavender. 50c. each.

CLEMATIS JACKMANII SUPERBA.—Flowers larger than Jackmanii, color dark, velvety purple. 75c. and \$1.00 each.

CLEMATIS KING EDWARD VII. (New).—Light mauve with red bar across petals, very fine. 75c. and \$1.00 each.

JACKMANII.—According to size, 50c., 75c. Extra strong plants in 6 in. pots, \$1.00 each.

PANICULATA (Japanese).—Rapid grower, quickly covering trellises with a dense mass of handsome, compound, glossy, dark green foliage, and bearing late in summer an immense profusion of pure white, fragrant, starry flowers, quite hiding the foliage. Perfectly hardy, and adapted to all soils. Flowering plants, 25c., 50c. and \$1.00 each.

NEW RED CLEMATIS (Ville de Lyon).—This variety is a bright carmine, flowers of large size, and a plant which is as free-flowering and as strong a grower as the well-known and popular purple Jackmanii. 60c. each. Extra strong plants in 6-in. pots, \$1.00 each.

HONEYSUCKLE, HALLEANA (Hall's Monthly).—Flowers pure white, turning to yellow; fragrant, hardy and almost evergreen; flowers freely. 50c. and 75c. each.

HONEYSUCKLE (Coral or Scarlet Trumpet).—Brilliant coral-red clusters of trumpet-shaped flowers throughout the summer and autumn. 50c. and 75c. each.

HONEYSUCKLE (True Dutch Fragrant).—50c. and 75c. each. Blooms all summer and is very fragrant.

HOPS (Common).—A well-known hardy and rapid grower. 25c. each; \$2.50 doz.

Hardy Perennial Plants for Fall Planting

PLEASE READ CAREFULLY BEFORE ORDERING

It must be distinctly understood by the purchaser of these plants that while we use our utmost care to have all plants of strong and healthy growth, we will not in any way be responsible for their growth. However, if any of the shipments should not prove satisfactory, you will require to notify us immediately on receipt of goods.

So much depends upon the care and the season following the planting that once the goods arrive in good condition our responsibility ceases.

Thousands of plants die each year for want of proper setting and care until established.

The following list of Perennials will be found on examination to comprise all the best known varieties. In cases where intending purchasers are unacquainted with varieties, some information will be obtained by noting the description in the **HARDY PERENNIAL FLOWER SEED LIST OF OUR SPRING CATALOGUE.**

We have in stock many varieties besides those enumerated below, so that intending purchasers can order almost any of the old favorites and most of the new sorts, and have their orders executed. Most of these Perennials may be raised from seed and will flower generally the second year.

NOTE—SPECIAL PRICES ON QUANTITIES OF FIFTY OR OVER. PRICES ARE DELIVERED MONTREAL ONLY.

	Doz.	Each
ACRIS FLORE PLENO —2 ft., yellow	\$2.00	20
ASTILBE, DAVIDII —An important addition to hardy plants. Its 5 to 6 feet high stems, which rise from a tuft of pretty dark green foliage, are crowned with feathery plumes of deep rose-violet flowers during July and August.....		40
ACHILLEA PTARMICA fl. pl. "THE PEARL"—2 ft., white.....	1.50	15
ACHILLEA MILLEFOLIUM "CERISE QUEEN"—Bright cherry-red. 2½ ft. June-October.....	2.50	25
ACONITUM NAPELLUS —"MONK'S HOOD" Blue.....	2.00	20
ANCHUSA ITALICA (Dropmore Variety)—A lovely shade of gentian-blue; blooms the entire season. 3 to 4 ft.....	2.50	25
AQUILEGIA HYBRIDA (Columbine)—Assorted colors, 2 ft.....	2.00	20
AQUILEGIA Long Spurred Hybrids—Mixed colors.....	2.00	20
ANEMONE QUEEN CHARLOTTE	3.00	30
The latter is an entirely distinct Anemone. Is an extremely free flowerer, and the blooms are semi-double, of a bright pink, and the flower stems 1 ft. in length.		
ANEMONE PRINCE HENRY —A new variety. Of compact growth and blooms are dark red in color.....	3.00	30
ANEMONE WHIRLWIND —Pure white.....	3.00	30
ASTER (Alpine and Michaelmas Daisy)—These now fill a most important place in the hardy border as they furnish a wealth of bloom at a season when other flowers are scarce.....	2.00	20
BELLIS PERENNIS MONSTROSA fl. pl.—A magnificent strain, producing flowers nearly twice as large as the old variety. Pink and white.....	1.00	10
BOLTONIA LATISQUAMA —6 ft., pink tinged with lavender.....	2.00	20
BOLTONIA ASTEROIDES (False Chamomile)—White. 4 to 5 ft. August-October.....	2.00	20
CAMPANULA PERSICIFOLIA —2 ft., blue and white.....	2.00	20
CAMPANULA MEDIUM (Canterbury Bells)—In great variety	2.00	20
CHRYSANTHEMUM MAXIMUM (Moonpenny Daisy)—Hardy daisy with large white flowers; excellent for cutting; July to September. 2 to 3 ft.....	2.00	20
MAXIMUM KING EDWARD VII. —Flowers pure white; very handsome, 3 ft.....	2.00	20
COREOPSIS GRANDIFLORA —Golden-yellow flowers of large size; most useful for cutting and effective in border masses; blooms all summer. 2 ft.....	2.00	20



PEONY "FESTIVA MAXIMA."

THE WILLIAM EWING CO., LIMITED

HARDY PERENNIAL PLANTS—Continued

DELPHINIUM

	Doz.	Each
FORMOSUM—Blue, 4 ft.....	\$2.50	25
HYBRIDUM—Blue and white.....	2.50	25
BELLADONNA—Blue, spikes larger than any other known variety..	50	
The following varieties of Delphiniums, 40c. each; \$4.00 doz., except where noted.		
KING OF DELPHINIUMS—Very fine deep blue with white eye.		
DUKE OF CONNAUGHT—Oxford blue, fine large flowers.		
QUEEN WILHELMINA—Sky blue, single, fine.		
MOERHEIMI—An absolutely pure white flower, the first of its class, a strong-growing, free-blooming novelty of great merit.....	60	
MUSIS SACRUM—Another new hybrid of the most attractive shade of blue, a continuous free bloomer, of strong, sturdy growth.....	50	

DIANTHUS BARBATUS—In variety.....	2.00	20
DICENTRA SPECTABILIS—"Bleeding Heart".....	2.00	20
DIGITALIS PURPUREA and ALBA—3 ft.....	2.00	20
GAILLARDIA GRANDIFLORA HYBRIDS.....	2.00	20
Gypsophila PANICULATA—3 ft., white.....	2.00	20
HELIANTHUS (Hardy Sunflower)—		
SOLEIL D'OR—Double sunflower, yellow, splendid variety, 4 to 5 ft. August-October.....	2.00	20
RIGIDUS, "MISS MELLISH"—Rich yellow, 6 ft. July-August.....	2.00	20
HEMEROCALLIS (Yellow Day Lily)—		
FLAVA—Deep lemon yellow, fragrant, 2½ ft. June-July.....	2.00	20
"GOLD DUST"—Orange, bronze on outside 2½ ft. May-June.....	2.00	20
HELENIUM AUTUMNALE SUPERBUM—5 ft., yellow.....	2.00	20
"RIVERTON BEAUTY"—Lemon yellow, 3 ft. September-October.....	2.00	20
"RIVERTON GEM"—Old gold changing to red, 2½ ft. September-October.....	2.00	20
HEUCHERA SANGUINEA—1½ ft., scarlet.....	2.00	20
HOLLYHOCK CHATERS—Extra fine seedlings.....	2.50	25
IRIS KAEMPFERII (Japanese Iris)—The most beautiful of all the Iris, choice assorted.....	2.50	25
IRIS ENGLISH—Of sorts.....	2.50	25
IRIS PUMILA CYANEA—Rich purple, 10 in. May.....	2.50	25
LILY OF THE VALLEY (Convallaria Majalis)—Clumps.....	2.50	25
LUPINS—Perennial varieties, 2 ft.....	2.00	20
LYCHNIS CHALCEDONICA—Assorted, 3 ft.....	2.00	20
LYCHNIS HAAGEANA—1 ft., assorted.....	2.00	20
MONARDA DIDYMA (Horse Mint)—3 ft., scarlet.....	2.00	20
MYOSOTIS—Of sorts "Forget-Me-not".....	1.50	15

PEONIES

We offer the following choice varieties,
Extra Strong Selected Stock.

	Price, Each
BARON ROTHSCHILD—Outside petals rose, centre salmon; large and fragrant flower; free bloomer.....	50
CANARI—Guard petals white, centre amber-white, changing to pure white.	50
COURONNE D'OR—Pure white globular flowers with amber yellow stamens; centre petals tipped carmine. Strong grower; fragrant.....	60
DELACHEI—Very large cup-shaped flowers, deep crimson-purple.....	40
EDULIS SUPERBA—Violet-rose guard petals; centre mauve-rose with lighter edges.....	50
FESTIVA MAXIMA—This truly superb variety, the finest white in cultivation, combines wonderful purity of color, freedom and earliness of flower.	60
FELIX CROUSSE—Large bell-shaped bloom; very brilliant red; one of the finest self-colored varieties.....	75
L'INDISPENSABLE—Immense flowers of a delicate lilac pink with darker shading towards the centre; late-flowering.....	50
LOUIS VAN HOUTTE—Medium-sized bloom, semi-rose type. Deep carmine- rose with fiery reflex; medium height, fragrant.....	50
MARIE LEMOINE—Sulphur-yellow flesh centre.....	50
MME FOREL—An extra fine silvery-pink shading darker at the centre. A beautifully shaped flower.....	1.00
Mme DE VERNEVILLE—Beautifully formed flower; very broad sulphur- white guard petals and compact white centre touched carmine.....	50
Collection of above 12 varieties, \$6.00.	
PEONY—Assorted colors. Per doz. \$3.50.....	35

	Doz.	Each
PHYSOSTEGIA VIRGINICA (False Dragon Head)—Elegant spikes of light rosy-lilac flowers; very beautiful and good for cutting.....	\$2.00	20
PHYSOSTEGIA VIRGINICA GRANDIFLORA ALBA—Purest white, lovely flower.....	2.00	20
PLATYCODON GRANDIFLORA—Blue and white.....	2.00	20
POPPY, ICELAND—Different colors, 1 ft.....	2.00	20
POPPY, ORIENTAL—Different colors, 2½ ft.....	2.00	20
"REMBRANDT"—Orange scarlet. Pot grown.....	2.50	25
"SALMON QUEEN"—Salmon yellow. Pot grown.....	2.50	25
"MRS. PERRY"—Orange apricot. Pot grown.....	2.50	25

PHLOX DECUSSATA

GENERAL COLLECTION OF CHOICE HARDY PHLOX

JULES CAMBON—Deep rose pink, large white centre, very showy and beautiful.	
BARON VAN DEDEM—Brilliant cochineal-red with salmon shadings; a rich color.	
FLAMBEAU—Orange scarlet with dark centre. Extra.	
FRAU ANTON BUCHNER—Undoubtedly the finest white yet raised. Award of merit R. H. S., London, Eng., August, 1910.	
ELIZABETH CAMPBELL—Very bright salmon-pink, with lighter shadings and dark red eye; attracts more attention in our fields than any other variety; one of the handsomest.	
ANTONIN MERCIÉ—Light ground color, one-half of each petal suffused bluish- lilac.	
GENERAL VAN HEUTSZ—Brilliant salmon-red with white centre.	
Mme PAUL DUTRIÉ—Delicate lilac-rose in shade like a soft pink Orchid; flowers very large, borne in immense panicles.	
SELMA—A pretty, delicate, soft pale rose, with distinct red eye.	
BERANGER—Ground color white, delicately suffused with rosy-pink and dis- tinct amaranth red eye.	
ELECTRA—Brilliant orange scarlet with dark blood-red eye, great improvement on Coquelicot.	
F. G. VON LASSBURG—One of the finest whites, pure in color, with the indi- vidual flowers larger than those of any other white variety.	
GEO. A. STROHLEIN—Bright scarlet, with crimson-red eye. A large flower; color does not bleach in the sun.	
MRS. W. BAKER—Enormous spike of beautiful pale-pink flowers, extra fine.	
EUROPA—White, with a decided crimson carmine eye, flowers and trusses very large.	
RYNSTROM—A splendid improvement on Pantheon, color not unlike that of Paul Neyron Rose, fine for massing.	
EUGENE DANZENVILLIER—Lilac, shading white at the edges.	
OBERGARTNER WITTIG—Bright magenta, with crimson-carmine eye; large flowers and truss; the best of its type.	
Any of the above choice varieties, 25c. each, or \$2.50 per dozen.	

	Doz.	Each
PRIMULA VULGARIS (English Primrose).....	\$2.00	20
PRIMULA POLYANTHUS—Of varieties.....	2.00	20
PRIMULA NEW HARDY GIANT PRIMROSE, "HARRY MIT- CHELL".....	2.00	20
PYRETHRUM—Of sorts. Beautiful single flowers.....	2.00	20
RUDBECKIA LACINIATA PLENA (Golden Glow)—Double yellow 6 to 7 ft. July-September.....	1.50	15
RUDBECKIA FULGIDA—3 ft., brilliant orange yellow.....	2.50	25
STATICE LATIFOLIA—2 ft., blue.....	2.50	25
SPIREA ARUNCUS (Meadow Sweet)—Long, feathery panicles of white flowers; June and July. 3 ft.....	2.50	25
SPIREA JAPONICA COMPACTA—1½ ft., white.....	2.50	25
SPIREA PALMATA—Beautiful rose flower.....	2.50	25
THALICTRUM ADIANTIFOLIUM (Meadow Rue)—Foliage like the Maiden Hair Fern; flowers creamy-white.....	2.50	25
TRITOMA UVARIA GRANDIFLORA (Red Hot Poker)—Rich ochre-red. 3 ft. August-October.....	2.50	25
TROLLIUS EUROPEUS, (Globe Flower)—Bright yellow globe- shaped flowers, like giant buttercups; June to September. 1½ ft.....	2.50	25
VALERIANA OFFICINALIS (Garden Heliotrope)—Aromatic plant with purplish-white flowers.....	2.00	20
VERONICA SPICATA—1 ft., blue.....	1.50	15
VERONICA SUBSESSILES—New, dark-blue, 2½ ft.....	2.50	25
VINCA MINOR (Periwinkle).....	1.50	15

FERTILIZERS

INSECTICIDES

ASHES (CANADA HARD WOOD)—Drive away insects and improve the texture of the soil; indispensable for all crops requiring potash; very beneficial for garden and field crops, grass lands and lawns. Of great value to apply to orchards. 1 lb. 5c.; 100 lbs. \$2.00.

ACID PHOSPHATE (Superphosphate)—For soils rich in lime, Acid Phosphate will give the quickest return and especially for crops that need, in their early stages, the stimulus afforded by immediately available phosphoric acid, e.g., the turnip crop. Acid Phosphate is also an excellent form for cereals, in conjunction with nitrogen. 300 to 400 lbs. per acre. 100 lbs. \$2.25; per ton \$40.00.

BASIC SLAG (Phosphate Powder)—Basic Slag contains available Phosphoric Acid, and all crops need supplies of this element. It also possesses large contents of lime. For growing grain crops and seeding down, Basic Slag should always be employed. It produces strong straw, thus lessening the liability of the grain to "lodge," and conduces to early ripening. On land well supplied with nitrogen, large crops of Turnips have been grown as a result of an application of 1,000 lbs. Basic Slag per acre. To renovate worn-out pastures, no better fertilizer is obtainable. Its effects are marvellous, the whole herbage being changed and improved. The stock-carrying capacity of the field is soon doubled or trebled. Basic Slag should be used on all stiff clay lands, on wet, marshy, sour soils, and on soils deficient in lime. Basic Slag should be applied to the land at the rate of 600 to 1000 lbs. per acre.

The effect on pasture lands should be seen for 4 to 5 years. Basic Slag should be applied to the land late in the Fall or at the earliest opportunity in Spring; not being soluble in water, it consequently cannot be washed out of the soil by rains. A splendid top dressing for lawns.

On light land it should always be applied in conjunction with potash. It is not recommended for sandy or gravelly soils. 100 lbs. \$2.00; per ton \$26.00.

BON ARBOR—Unsurpassed soluble plant life. Used on the Capitol Grounds, Washington, D.C., Government Grounds, Ottawa, and finest estates in Great Britain.

Universal plant food, the best for your lawns, flower garden, pot plants, vegetable garden, shrubbery and fruit orchard. Is immediately soluble in cold water, therefore all the properties are available to plant life from the moment of application. It being a complete food, containing Nitrogen, Potash and Phosphoric Acid in sufficient quantities, will sustain the growth it makes. Prominent show growers state that this is one of the highest grade and quickest responding plant foods on the market.

One pound dissolved in water will make thirty gallons of complete and all available food. Dissolve one teaspoonful in 7½ pints of water.

Give first two applications ten days apart, and a third application, if plant requires it, two or three weeks later. Price on application.

BONE MEAL (Pure)—Invaluable for gardening purposes, whether dug into the ground or applied as a top-dressing. It acts as a real food and is not merely a stimulant. As a safe, all-round enricher of the soil it cannot be surpassed, for if put on too heavily it will not burn the plant or exhaust the soil like many of the mineral manures. 500 lbs. per acre is an average quantity to use. A pinch to a plant in a pot is quite sufficient. 1 lb. to 4 square yards. The ideal top-dressing for lawns and grass lands. When making new lawns, Bone meal should invariably be employed. 1 lb. 5c.; 100 lbs. \$3.50.

BONE FLOUR (Pure)—Ground very fine; excellent for pot plants or beds where an immediate effect is desired. 1 lb. 7c.; 100 lbs. \$5.00.

FARMOGERM—High-bred nitrogen gathering bacteria for SEED AND SOIL INOCULATION to furnish Nitrates to plants, increase their growth and food value, and enrich the soil. Directions for use on every bottle.

Garden Size:—	1-acre Size:—
For Peas, Beans and Sweet Peas, 50c.	For Peas, Beans and Sweet Peas, \$2.00
" Alfalfa.....50c.	" Alfalfa.....2.00
" Red, White, Crimson, Alsike	" Red, White, Crimson, Alsike
Clovers.....50c.	Clovers.....2.00

LAND PLASTER—Valuable for soils requiring lime and sulphate; also good on grass-lands and sour soils. Much used for mixing with Paris Green to dust on plants for the destruction of insect pests. 100-lb. bag 85c.

NITRATE OF SODA—Valuable solely for the nitrogen it contains, and is chiefly a stimulant. Quick in action and hastens maturity of crops. Should not be applied until the plants are above ground. Invaluable where tenderness of leaf is desired. Should be used as a top-dressing early in the season at the rate of one ounce to the square yard, and again when the plants are half grown. The following vegetables, etc., benefit specially from the application of Nitrate of Soda: Spinach, Lettuce, Chard, Corn, Asparagus, Grass, Cabbage, Cauliflower, Onion, etc. Care must be taken that the minimum quantity be applied each time; otherwise the plant is apt to be injured. If in water, dissolve 1 lb. to 40 gallons. 1 lb. 15c.

POTATO MANURE—Specially prepared for potatoes and vegetables of all kinds. 5 lbs. 25c.; 100 lbs. \$4.00. Ton price on application.

SCOTCH SOOT—Leading growers recommend the use of Soot to produce plants of a good healthy color; it stimulates a healthy growth. Much used on account of its beneficial effect in freeing the soil from slugs, grubs and cut worms. Spread lightly, then stir the soil. Price on application.

SHEEP MANURE (Pulverised)—Being thoroughly dried and finely ground, Pulverised Sheep Manure is in a convenient form for use on the lawn, in the garden, in the greenhouse, or for potting soil. A pure animal fertilizer. Adds organic matter to the soil by nature's own method. Excellent for the lawn. Is a top dressing of stable manure without any unsightly appearance or offensive odor. May safely be used wherever stable manure would be desirable. Furnishes plant food in the best form for growing plants of all kinds, and it adds organic matter, or humus, to the soil, thus keeping it in good mechanical condition. 500 to 800 lbs. per acre. Nothing is better for making liquid manure. Price on application.

SULPHATE OF AMMONIA—Apply as top-dressing after sowing, before growth commences. Increases grass, diminishes Clover. More suitable than Nitrate for wet districts. Desirable where large leaf development or rapid growth is required. A tablespoonful to three gallons of water; or 1 lb. to 50 square feet of soil. Price on application.

SURE GROWTH MANURE—An ideal general fertilizer, one that can be used with success on all crops. 5 lbs. 25c.; 100 lbs. \$3.50. Ton price on application.

TOBACCO MANURE—Specially prepared for use on tobacco crop. 5 lbs. 25c.; 100 lbs. \$3.50. Ton price on application.

APHINE (Liquid)—A powerful insecticide, readily soluble in water and applied as a spray, wash or dipping solution. It invigorates plant life and kills green and black fly, thrip, red spider, slugs, ants, mealy bug, scale, etc. Pint \$1.00; quart \$1.50; gallon \$3.50.

ARSENATE OF LEAD (Paste)—A poison which takes the place of Paris Green. It is the best of all arsenical insecticides. Its chief advantages are that it adheres to the foliage, not readily washed off by rain, and does not injure tender foliage. Arsenate of Lead lies suspended in solution, making possible an even distribution. 1 lb. 45c.; 2 lbs. 75c.; 5 lbs. \$1.70; 25 lbs. \$7.75.

ARSENATE OF LEAD (Powdered)—Superior to the paste, remaining longer in suspension and having a greater covering capacity; only half the weight needed as of the paste form. It may be used either as a dust diluted with hydrated lime, plaster or road dust, or as a liquid spray with water, lime-sulphur or Bordeaux. 1 lb. 75c.; 5 lbs. \$3.25; 10 lbs. \$6.00; 25 lbs. \$14.00.

BLACK LEAF 40 (Liquid)—A highly concentrated solution of Tobacco. An effective insecticide for sucking insects such as plant lice, aphids, red spider, leaf hopper, thrip, etc. To obtain increased spreading, penetration and wetting by the spray, add enough water (before adding "Black Leaf 40") to produce suds. 1 teaspoonful to 1 gallon of water. Bottle 35c.; ½ lb. tin \$1.25; 2 lb. tin \$3.50.

BORDEAUX MIXTURE (Powder)—The supreme remedy against Fungus, Rust and all kinds of Rot. Full directions on each package. 1 lb. will make about 10 gallons of spray. 1 lb. 60c.

BUG DEATH—A non-poisonous insect-killing powder. Prevents Blight, feeds the plant, kills the bugs. Contains no Paris Green or Arsenic; is harmless to animal life. Prevents or retards potato blight, thereby increasing yield. Is a most successful spray for Fruit Trees. Death to all insects infesting Cabbage, Squash, Currants, Gooseberries, Tomatoes and Roses, etc. 50 lb Keg.....4.60

1 lb. package.....20c. 5 lb. package.....65c. 100 ".....8.70

3 ".....45c. 12½ lb. Box.....\$1.25

Dickey's Bug Death Duster, for applying Bug Death in powder form, 35c.

COPPER SULPHATE—For early spraying and making Bordeaux Mixture. (Crystals) 1 lb. 15c.; 100 lbs. market price.

COW EASE (Liquid)—Use Cow Ease on your stock; their flow of milk will increase, and the cows will stand still while milking. Flies will not remain where Cow Ease is used. Spraying the interior of horse stalls and bedding insures comfort and rest to the horses. A slight application on the horses before starting on a drive will keep the flies away and prevent fretting. 1 quart can, 50c.; ½ gal. can 75c.; 1 gallon can \$1.25. Directions for use on every can.

FISH OIL SOAP—Makes an excellent wash for roses, trees and plants where insects and eggs affect the bark; for scale, and for smearing on the trunks of trees to prevent worms from crawling up. ½ lb. 25c.; 1 lb. 40c.; 2 lbs. 75c.

GISHURST'S COMPOUND—One of the oldest and best preparations for preventing and destroying Red Spider, Green Fly, Scale, Mealy Bug, Thrip, etc. Per box 50c. and \$1.25.

HAMMOND'S GRAPE DUST—An excellent article for killing and preventing mildew, mould or rust mites on roses, grape vines and other plants and trees affected by same. More effectual and cheaper than Sulphur. Requires to be applied reasonably frequent. 5-lb. package \$1.00.

HELLEBORE POWDER—For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green or Arsenate of Lead, and safer to use when vegetables or fruits are nearly ripe. Price on application.

KIL-WEED (Liquid)—Not only kills weeds, but destroys seed germs and roots of plants. For Golf and Cricket Grounds, Parks, Driveways, etc. 1 qt. can makes 12½ gallons, \$1.25; 1 gal. can makes 50 gallons, \$3.00.

KIL-WORM (Liquid)—Destroys worms, ants, grubs, etc., infesting lawns; does not injure the grass, but acts rather as a fertilizer. Price on application.

LIME SULPHUR SOLUTION (Liquid)—For all scale and sucking insects on trees and shrubs, also of benefit for such fungus bark diseases as can be treated in winter. Must be diluted 1 gallon to 9 gallons of water, and applied with a spray pump while the trees are dormant. It can be used quite strong during mid-winter, but earlier or later it will be safer to dilute it 1 gallon to 50 of water. Price on application.

NICOTICIDE (Liquid)—An extract of Tobacco that can either be used for a fumigating spray. For fumigating, the required quantity is placed in a tin dish and evaporated by a spirit lamp, placed underneath. Fumigating lamps, 75c. each. An effectual remedy for insects in the greenhouse, window-garden or frames. In tins: 65c.; 4 oz. \$1.00; ½ pint \$1.75; 1 pint \$3.25.

NICOTEN APHIS PUNK—Is a wood-pulp paper, in 6 x 33 inch sheets, saturated with nicotine, rolled and dried. When lighted, it burns slowly and is a cleanly, convenient and effectual remedy for "smoking" conservatories, etc. Box containing 12 rolls, 85c.

PARIS GREEN—An insoluble poisonous powder for potato bugs, codling moths, worms, caterpillars, slugs and bugs. Applied as a powder it should be mixed with plaster, 100 parts to 1 part Paris Green. In solution, mix 1 lb. to 50 gallons of water. Price on application.

PYROX—A combined insecticide and fungicide for all leaf-eating insects, blights and fungus troubles on trees, grapes, small fruits, potatoes, cucumbers, tomatoes, cabbage, celery and other vegetables, roses, shrubbery, etc. Keeps the foliage healthy throughout the growing season. Sticks to the foliage; rains do not wash it off. It is a creamy paste, and needs only to be mixed with water to apply. 1 lb. 50c.; 5 lbs. \$1.85; 10 lbs. \$3.25; 25 lbs. \$7.00.

SLUG SHOT—A non-poisonous powder insecticide; it requires no mixing or preparation, easily applied and not injurious to animals, the person applying it, or fruit and vegetables treated. Very effectual in destroying potato bugs and beetles, green and black flies, slugs, worms, caterpillars, etc. Use this insecticide on cabbage, etc. 1 lb. package with directions, 20c.

SULPHO-TOBACCO SOAP—One of the best insecticides for general use, for washing and spraying plants. Destroys lice, green-fly, mealy bug, red spider, etc. on Roses, Trees and House Plants. Very effective for insects on animals. 3-oz. cake 15c.; 8-oz. cake 25c. (3-oz. cake makes 1½ gals. prepared solution).

SULPHUR—Principally used for checking mildew. Per lb. 10c.

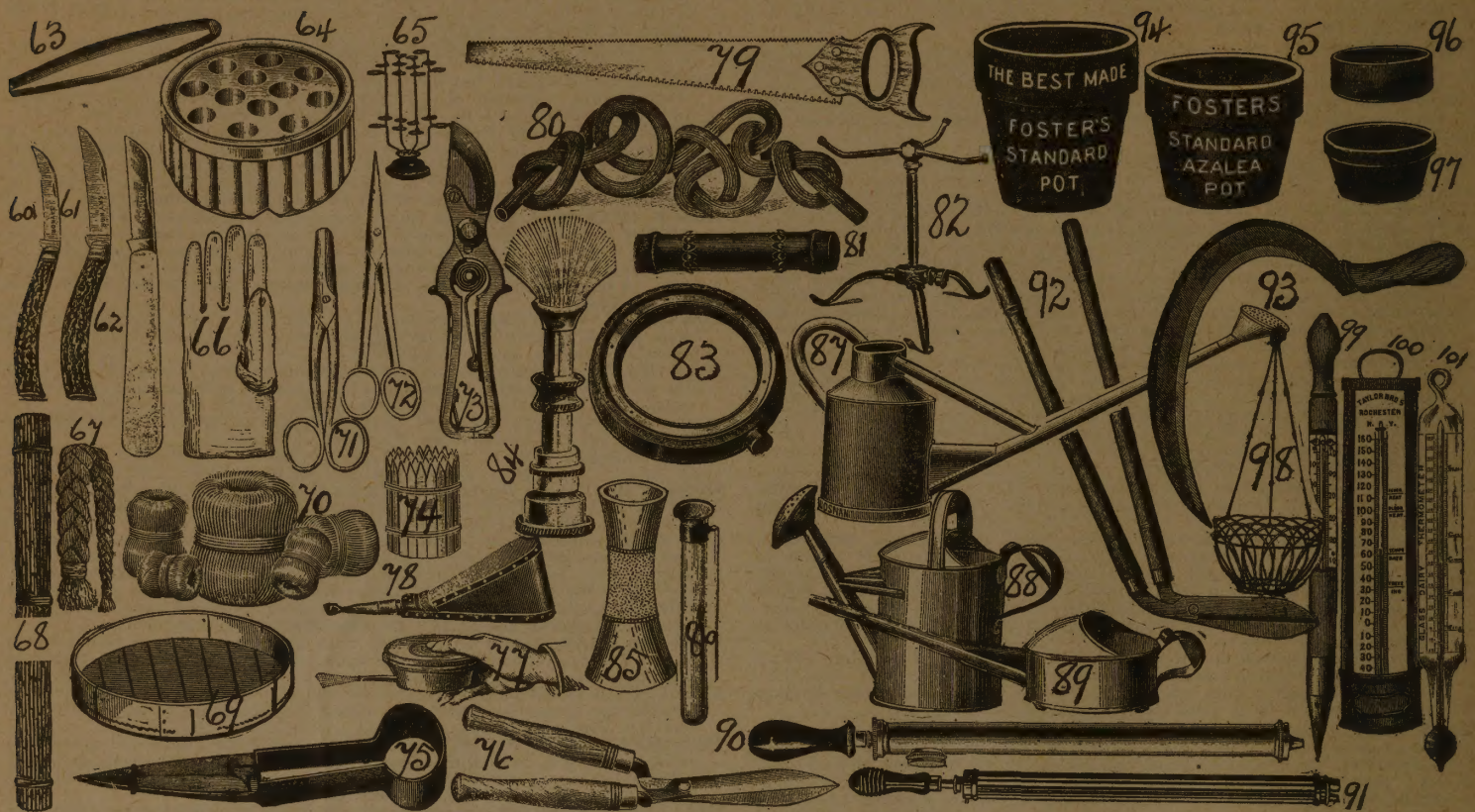
TOBACCO DUST—Fatal to green and black fly and similar garden pests, by simply dusting over the plants. If dug around roots will keep away pests below ground and insure health to plants. Price on application.

TOBACCO STEMS—For fumigating greenhouses, etc. Price on application.

TREE TANGLEFOOT (Paste)—No crawling insect can pass a band of Tree Tanglefoot. Apply early in the spring, before the caterpillars commence to crawl and again in the fall if troubled with the fall canker worm. One pound for a 6-foot band 4 inches wide. 1-lb. can 50c.

VERMINE (Liquid)—A soil vermicide and sterilizer that protects garden plants and lawns from the ravages of underground insects, root lice, maggots, cut worms, wire worms, grubs, ants, etc. Use 1 part Vermine to 400 parts water, thoroughly saturating the soil. Price on application.

FLOWER POTTS, Etc.



- PICKAXES**—Heavy. \$1.50. Handles 35c. each extra.
PEAT—"Imported Wimbledon." Per sack \$3.00.
 " "Orchid," cut in squares. Per sack \$4.75.
 " "Special Quality Orchid." Per sack \$5.50.
RAKES (25) Best Canadian Garden—12 tooth, \$1.10; 14 tooth, \$1.25; 16 tooth, \$1.40.
RAKES (26)—"English"—Without handle. 6-inch, 40c.; 8-inch, 50c.; 10-inch, 70c.; 12-inch, 80c.; 14-inch, 90c.
RAKES (27)—"The Hustler"—24 stiff wire teeth. 90c.
 " (24)—"Gem Dandelion Rake"—Removes dandelion buds and blossoms. Cannot tear or injure the sod. Size 16, \$2.25 each; size 24, \$3.00.
RAKES—"Automatic Lawn"—To unload rake, simply push it forward without raising it. Each \$2.00.
RAKES—"The King"—\$1.50.
RAFFIA—Natural color, lb. \$1.25; Green dyed, \$2.00 lb.
REEL AND STAKE (48)—Malleable iron, \$1.25 and \$2.00.
ROLLERS (52)—"Platform," strong, substantial and durable; 24 inches wide weight 235 lbs. \$22.00.
ROLLERS (51)—"Dunham Water Weight."

With Counter-Balancing Weights

No.	Diam. Inches.	Length Inches.	Section.	Weight Empty.	Filled with water.	Filled with sand.	Price.
HW 2.....	14	20	1	lbs. 120	lbs. 260	lbs. 360	\$14.50
HW 4.....	18	24	1	135	360	560	16.50
HW 6.....	24	24	1	185	560	860	20.50
HW 10.....	18	24	2	100	360	560	22.00

- SECATEURS** (73)—"Best English Wheel Spring. 7-inch, \$1.75; 8-inch, \$2.25; 9-inch, \$2.50; 10-inch, \$3.00.
SHEARS (76)—"Grass Edging," Short Handles. 8-inch, \$2.25; 9-inch, \$2.40; 10-inch, \$2.65.
SHEARS (92)—"Grass Edging," Long Handles, \$3.50.
 " (75)—"Verge or Sheep" (Crank). \$2.00.
SCISSORS (71)—"Flower Gathering," 5-inch, \$1.00; 7-inch, \$1.75.
 " (72)—"Grape Thinning." 6-inch, \$1.00; 7-inch, \$1.25; 8-inch, \$1.50.
SILKALINE—For stringing Smilax, etc. (green). 2-oz. spool 50c.
STAKES—See Bamboo Stakes.
SHOVELS (28)—Canadian "Square," \$2.00; (29) "Round," \$2.00.

- SPADES** (30) English make, \$2.50; Best Canadian-made, \$2.00.
SPUDS (40)—Each 40c.. (No. 41)—with notch, each 50c.
SYRINGE (91)—"Four Oaks Undentable," 1 1/4 x 16 inches, \$8.00.
 " "Four Oaks Undentable," 1 1/2 x 20 inches, \$11.00
 " (90)—Heavy Brass, \$4.00.
SAWS (79)—"Pruning," \$1.25 and \$2.25 each.
SIEVES (69)—For soil and sand, etc., \$1.35.
SCYTHE STONES (63)—English Round, 20c.; Flat, 10c.
SCYTHES (50)—Best English Lawn, \$2.25.
 (49)—Best Canadian. 32-inch, \$1.60; 34-inch, \$1.75; 36-inch, \$1.90.
SNATHS—"Scythe." \$2.00.
SPRINKLERS—(See "Lawn Sprinklers").
SPRAYER—"Vapor Bottle Sprayer," made entirely of brass. \$1.75.
SPRAYERS—Various, see page.., Spraying Appliances.
TAR TWINE (70)—Imported. Lb. 90c.
TRANSPLANTER—"Tomato" (59)—90c.
TROWELS (57)—Canadian manufacture, 30c., 35c., 55c., 75c. each.
 (56)—English make; polished blade and handle. 65c., 75c., and 90c. each.
TROWELS (58)—Long-handled. 50c.
TREE PRUNERS—"The Kansas," \$4.50.
 " " "The Woodyatt," 8-ft., \$1.50; 10-ft., \$1.75; 12-ft., \$2.00.
 " " "The Taylor," 8-ft., \$1.75; 10-ft., \$2.00; 12-ft., \$2.25.
 " " "Orchard King," Compound lever. \$5.25.
TURFING IRON (39)—Solid cast steel. For lifting sod. \$4.25.
THERMOMETERS (100)—8-inch. Well suited for general use. \$1.50.
 (99)—"Standard Hot-Bed"—A substantial instrument; hard wood and solid brass. \$3.75.
THERMOMETERS (101)—"Glass Dairy or Hot-Bed"—35c. and 45c.
 " " "Maximum and Minimum" Registering Thermometer. \$5.00.
WEEDERS—"Erado D." Solid brass wit. iron handle. \$1.75.
 " (45)—"Combination." 50c.
 " (44)—"Hazeltine." 50c.
 " (43)—"Excelsior." 25c.
WEEDING FORKS (36)—Imported English; 3-prong, 50c.
 (37)—Imported English, 4-prong 60c.
WATERING CANS (87)—"Haw's English" (2 Roses). 3-qt., \$3.75; 4-qt., \$4.00; 6-qt., \$4.75; 8-qt., \$5.00 10-qt., \$5.25; 12-qt., \$6.00.
WATERING CANS (89)—"English Strawberry." 3 qts., \$2.50.
 (88)—"Canadian." 10 qt., \$1.35; 14 qt., \$1.75; 16 qt., \$2.25.
WHEELBARROWS (53)—Standard Large Size, \$7.50. Standard Medium Size, \$6.00.

20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58

(94) FLOWER POTS ("Standard")											
Per 100			Per doz.			Per 100			Per doz.		
1 1/4 in.	65c.	10c.	4 in.	1.60	30c.	8 in.	12.00				\$1.60
2 in.	75c.	12c.	4 1/2 in.	1.90	35c.	9 in.				2.25	
2 1/2 in.	85c.	15c.	5 in.	2.60	40c.	10 in.				30c.	each
3 in.	\$1.20	20c.	6 in.	\$4.00	60c.	12 in.				60c.	each
3 1/2 in.	\$1.30	25c.	7 in.	7.00	90c.	14 in.				90c.	each
FLOWER POT SAUCERS.											
Per doz.			Per 100			Per doz.			Per 100		
4 in.	20c.	\$1.00	7 in.	50c.	\$3.50	10 in.	\$1.75				\$10.00
5 in.	25c.	1.75	8 in.	\$1.00	6.00	12 in.				35c.	each
6 in.	40c.	3.00	9 in.	1.50	8.00	14 in.				45c.	each

MOSS—Canadian Sphagnum, per bag 75c.
MATTOCKS—Each \$1.25.

LAWN MOWERS

Prices subject to change without notice.

THE "REDBIRD"—Ball Bearing

A splendid machine at low price. It is easy running. It is light, strong and durable. Quiet in action, easy of adjustment, and does excellent work. It is as good, mechanically, as some mowers of double its selling price.

14-inch.....\$13.75 16-inch.....\$14.75

THE "BROCKVILLE"

Are light, durable, easy running and perfect working machines, and have the self-locking pawl that cannot slip.

12-inch.....\$6.50 14-inch.....\$7.50 16-inch.....\$8.50

THE "WOODYATT"

Light, Efficient, Durable.

The Woodyatt High Wheel, encased gearing. Four-blade cylinder. Cast steel knives, and oil tempered.

The "Woodyatt" has been on the market longer than any other high grade Mower in the world.
12-inch..\$9.75 14-inch...\$10.25 16-inch...\$11.00 18-inch...\$11.75 20-inch...\$12.50

"EWING'S" SUPERB—Ball Bearing

Ewing's SUPERB BALL-BEARING MOWER, by reason of its large wheels (12 inches) and large reel (7 inches) is especially adapted to large parks, estates and fair greens. It is quite as good as its name implies. Its very large wheels (larger than any other on the market) contribute to its easy rolling, and its very large reel enables it to go through grass that would choke the ordinary mower. The design is so perfect that the purchaser gets all the advantages of a large reel, wide blades and large wheel, without the disadvantage of a heavy, clumsy mower.

18-inch.....\$29.50 20-inch.....\$31.50 22-inch.....\$32.50

MATCHLESS BALL-BEARING MOWER

The MATCHLESS is a high grade, strong, powerful mower, well suited to the heaviest service in parks as well as to the ordinary lawn.

Design—The two-gear internal driver and pinion type, the driving gear having extended spokes and rim.

Ratchet—Double pawl design, placed in the pinions.

16-inch.....\$19.75 18-inch.....\$21.75 20-inch.....\$24.75

THE GOLF WONDER

THE GOLF WONDER will cut the putting greens of golf courses and other smooth and fine lawns better than any other type ever made. It was designed specially for that purpose, and no other mower ever was; others are merely ordinary lawn mowers with perhaps an extra knife, and in no other way adapted to the work.

IT LEAVES NO MARKS ON THE GREEN. The weight of the front part of the machine is carried on a wooden roller running at the rear of the cutter bar. The front wheels may be used or not, as preferred.

IT CUTS CLOSE. The cutter bar may be placed flat on the sod if desired—that's close enough—and it can be kept parallel with the ground until the machine is worn out, hence it will cut as close to the ground when old as when new.

20-inch, \$45.00 (Grass Catcher extra, \$6.00).

TOWNSEND HORSE LAWN MOWER

30-inch.....\$138.00 35-inch.....\$150.00 38-inch.....\$160.00

Is equipped with adjusting shaft to cut either high or low, or for raising knives when passing over stones, the shaft being operated from the seat, and is considered the best horse mower on the market, where excellent work is absolutely necessary.

THE "EASY LAWN MOWER"

Has a front brace or guard, so that you can now go right up to a fence, tree or plant without damage. It has an open steel roller the full width of the machine, giving continuous power which permits its being used on uneven surfaces, narrow borders, terraces, mounds, over holes, places where a side wheel mower is useless, etc., etc.

12-inch...\$18.75 14-inch...\$20.75 16-inch...\$22.75 18-inch...\$24.75 20-inch...\$26.00

LAWN TRIMMER

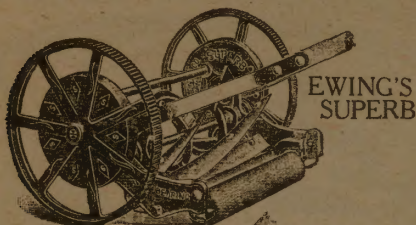
This machine trims the turf around the edges of flower beds, walks, roads, shrubbery, and all places that cannot be reached with any lawn mower.

Cuts close to the edge.

Price, 8 inches wide.....\$11.25 Price, 10 inches wide.....\$12.50

GRASS CATCHERS (For Hand Mowers)

These are made of heavy duck with galvanized iron bottom that will not sag nor drag on the ground when filled, and will fit any mower. \$2.50 and \$3.00.

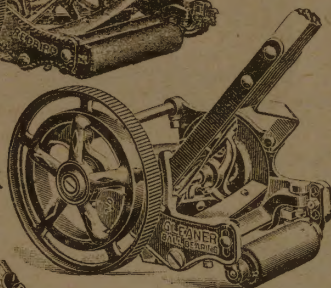


EWING'S
SUPERB



REDBIRD

LAWN
TRIMMER



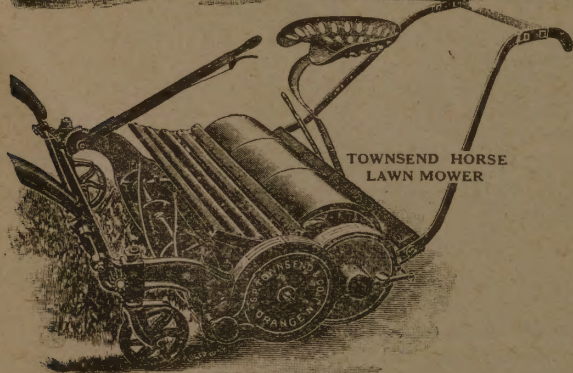
THE "WOODYATT"



THE "EASY"



TOWNSEND HORSE
LAWN MOWER



EVERYTHING FOR THE GARDEN -- Implements

IMPLEMENTS

No. 1 PLANET JR. Combined Drill Seeder, Wheel Hoe Cultivator and Plow.

Holds 3 pints. Weight, packed, 47 lbs.

Equipment—1 pair of 6-inch Hoes, 3 Cultivator Teeth, 1 large Garden Plow, 1 Marker. Planet Jr. No. 1 has given complete satisfaction for over thirty-five years; used the world over and still popular.

The sowing cylinder is a drum of spring brass set between the driving wheels, with a sliding brass band secured in position by a cam. In drum and band are corresponding diamond-shaped discharge openings, and the sliding band quickly adjusts them for any kind of seed. Inside the drum, shields protect the openings and insure regular sowing, either with a full hopper or a thimbleful of seed. Wheeling around on the roller stops the flow of seed. From a seeder the No. 1 is changed to a wheel hoe by unscrewing two bolts and removing the plow, cover and roller, when hoes, plow or cultivator teeth may be quickly substituted. \$18.50.

No. 2 PLANET JR. Drill Seeder.

Holds 2½ quarts. Weight, packed, 41 lbs.

The No. 2 is one of the first really good Seed Drills ever made. It has given excellent satisfaction for many years, and does to-day. It is similar to No. 1 Planet Jr. Combined Seeder and Wheel Hoe, but larger, holding nearly twice as much seed, and having higher wheels and larger roller. Light running, simple, strong, easily set, easily understood. \$15.25.

No. 3 PLANET JR. Hill and Drill Seeder.

15-inch steel driving wheel. Holds 3 quarts. Weight, packed, 43 lbs.

The No. 3 Planet Jr. Seeder only is a popular size at a moderate price, and this is the size that should be bought by market gardeners. The steel driving wheel, with heavy steel spokes, not "piano wire," is of proper height, with broad face, making the tool light and easy-running, even with the hopper filled to the brim. The special force feed is admirable, working equally well whether sowing with an ounce or a full hopper. When drawn backward the feed wheel is thrown out of gear. When passing from field to field the cam lever at "A" may also be used to throw gears out of contact. The hill dropping is simple and reliable, spacing hills either 4, 6, 8, 12 or 24 inches apart. Changes of distance between hills may be made in less than a minute, by changing spacing wheels. From hill to hill—this change is made or reversed almost instantly. The thickness of seed is regulated by an accurate index with brass screw adjustment; it contains the names of the important seeds, and is carefully graduated both for hills and drills. The flow of seed is instantly stopped by pulling the cut-off at the top of the handle. Not a hill need be missed in starting, nor any seed wasted in stopping. The marker rod is adjustable from 6 to 20 inches. \$21.75.

No. 4 PLANET JR. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.

Holds 2½ quarts. Weight, complete, 50 lbs.

Equipment—1 pair of 6-inch Hoes, 3 Cultivator Teeth, 1 Garden Plow, 1 Leaf Guard, 1 Marker.

The No. 4 Seeder is a special favorite; there are doubtless more of them in use than any other Seeder made. With it one can do almost all the hoeing and general work in the garden. It sows all garden seeds in continuous rows with uniformity or in hills 4, 6, 8, 12, or 24 inches apart, and at the same time marks the next row. It is accurate, simple, durable, reliable and easy running.

No. 4 is Single Wheel; No. 25 is Double Wheel, otherwise they are identical. \$23.00.

No. 4 "D" PLANET JR. As a Seeder only.

The same machine as No. 4; offered as a Seeder only. Weight, 40 lbs. \$18.50.

No. 11 PLANET JR. Double and Single Wheel Hoe Combined.

Packed weight, 39 lbs.

Equipment—One pair 6-inch Hoes, one pair 4½-inch Hoes, 4 Steel Cultivator Teeth, 1 pair Plows, two 3-tooth Rakes, two 5-tooth Rakes, 2 Leaf Lifters.

No. 11 Planet Jr. is the best combined double and single wheel hoe made, and has the largest and most useful set of attachments. The steel frame can be set at different heights to suit any kind or depth of work, and the attachments or their position can be changed in a few seconds. It can also be set up as a single wheel hoe for working between rows. Finishing a row at one passage with a Planet Jr. Double Wheel Hoe is the great charm of the tool. It is easier to work the crop closely when hoeing both sides at the same time. Keep the teeth sharp and work the crop once a week or after each rain. The hoes are the most valuable of all the wheel-hoe attachments. One hoe is set ahead of the other to prevent trash from catching between them and tearing out small plants. The cultivator teeth are of improved design, and are admirable both for deep and shallow cultivation. The steel leaf lifters save much time in late working, and enable it to be done close to the row without additional labor, when plants are large or leaves too low for ordinary work. \$19.00.

No. 12 PLANET JR. Double and Single Wheel Hoe Combined.

Packed weight, 33 lbs.

Equipment—One pair of 6-inch Hoes, 4 Steel Cultivator Teeth, 1 pair Plows, 2 Leaf Lifters.

The No. 12 is the most popular Double Wheel Hoe. It can be used by man, woman or boy. It is identical with No. 11 except that the 4½-inch hoes and the rakes are omitted from the equipment, and it is sold at a correspondingly less price. The attachments with it are what gardeners use most, and the short hoes and rakes can be added at any time. \$14.85.

No. 13 PLANET JR. Double and Single Wheel Hoe Combined.

Packed weight, 23 lbs.

Equipment—1 pair of 6-inch Hoes, Steel Frame, 14-inch Steel wheels. No. 13 has same frame, wheels and handles as Nos. 11 and 12, but has for equipment one pair of 6-inch hoes only, the most useful of all the cultivating attachments. Some onion growers and others seem to think that these hoes mounted on Double or Single Wheel Hoe frame are about all they want. \$10.80.

THE WILLIAM EWING CO., LIMITED

No. 16 PLANET JR. Single Wheel Hoe, Cultivator, Rake and Plow.

Packed weight, 26 lbs.

Equipment—One pair of 6-inch Hoes, 3 Cultivator Teeth, 1 Large Garden Plow, 1 7-inch Rake, 1 4-inch Rake, 1 Leaf Guard.

Single Wheel Hoes are lighter than the Double, and do almost the same variety of work, but are used mostly between the rows, yet by mounting the wheel on the other side of the arm, Planet Jr. Single Wheel Hoes can be used to hoe both sides at once while the plants are small—the most important time. We offer these single-wheel hoes as the highest type of their class. They have a great variety of attachments which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable. **\$12.50.**

No. 17 PLANET JR. Single Wheel Hoe.

Packed weight, 24 lbs.

Equipment—1 pair of 6-inch Hoes, 3 Steel Cultivator Teeth, 1 Large Garden Plow.

No. 17 is identical with No. 16, except in equipment, and all that has been said previously regarding Planet Jr. Wheel Hoes is equally true of No. 17. The three sets of attachments which go with it are all the finest of their kind. An outfit sufficient for most garden work. You can do more and better work with it in one day than you can do in several days with a hand hoe. **\$10.40.**

No. 18 PLANET JR. Single Wheel Hoe.

Packed weight, 19 lbs.

Equipment—1 pair 6-inch Hoes.

This is the lowest priced and simplest Planet Jr. Single Wheel Hoe, but it is at the same time the cheapest for the work it does. As shown in the cut the tool hoes completely all the space between 12-inch and 14-inch rows, while when the hoes exchange sides the tool may be used as a double wheel hoe until plants are 6 inches high, by putting the wheel on the other side of the arm, and straddling the row. **\$7.50.**

No. 25 PLANET JR. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow.

Holds 2½ quarts. Weight, complete, 61 lbs. It combines in a most practical way the Planet Jr. No. 4 Drill and No. 12 Double and Single Wheel Hoe.

Equipment—1 pair 6-inch Hoes, 4 Cultivator Teeth, 1 pair Plows, 2 Leaf Guards, 1 Marker.

No. 25 is valuable for gardeners who have acreage enough for a double-wheel hoe to be used, and yet prefer not to buy seeders and wheel hoes separately; also for onion growers and for the large family garden where both a single and double-wheel hoe can be used to advantage. The hopper-holds 4 lbs. of onion seed. As a seeder it is practically the same as the Planet Jr. No. 4. It sows in drills any thickness or drops in hills 4, 6, 8, 12, or 24 inches apart; has the same feed hill-dropping mechanism and automatic device for stopping the feed, and also a capital seed index. It is thoroughly substantial and accurate in planting all kinds of garden seeds. Its simplicity, both as a seeder and as a wheel hoe, makes the combination thoroughly satisfactory. **\$27.25.**

No. 31 PLANET JR. Combined Drill Seeder and Wheel Hoe.

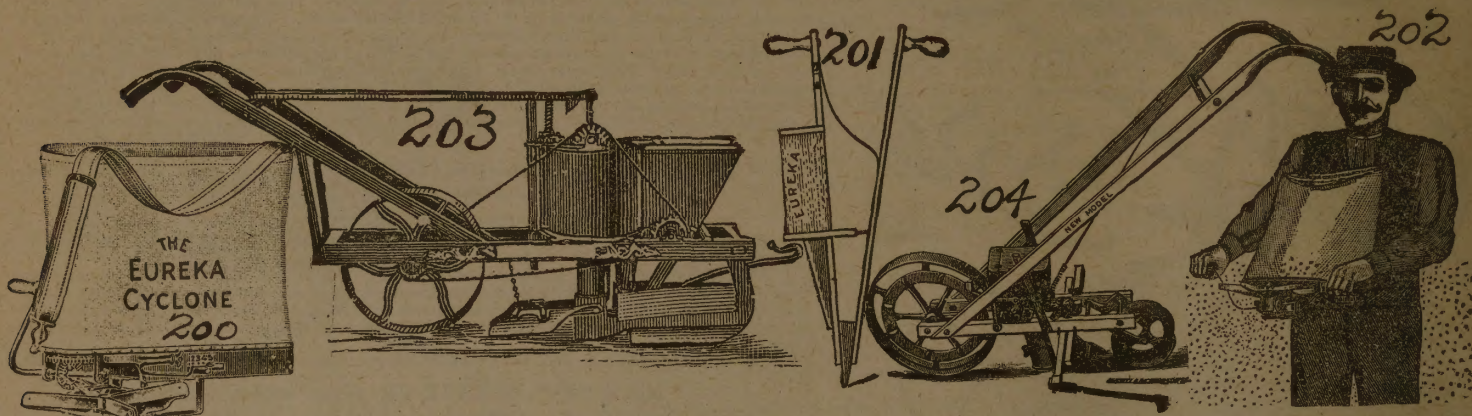
Packed weight, 32 lbs.

Equipment—1 Large Garden Plow, 1 5-inch Sweep, 1 10-inch Sweep, 1 2-inch Cultivator Tooth, 1 5-prong Cultivating Attachment.

No. 31 improved is a new combined tool of great value to thousands of gardeners who have never felt able to own, either a seed drill or a wheel hoe. It is thoroughly well made and offered at a price that makes it pay the small gardener. It will sow even a small packet of garden seed the proper thickness desired with precision from ¼ to 2 inches deep and in a narrow row. The index is simple, easily set for every kind of seed. The seed drill attachment may be removed in a moment and replaced as quickly by a tool standard to which are fitted all the various cultivating attachments. **\$15.50.**

No. 31 "D" PLANET JR. As a Drill Seeder Only.

The same machine as No. 31, offered as a drill Seeder only; weight, 26 lbs. **\$12.50.**



THE EUREKA CYCLONE SEEDER (200)

This seeder has been on the market for a great many years, and is very well known in almost every district. Every Cyclone Seeder is guaranteed to distribute seed directly and evenly over the ground. Note the following salient features:—

These machines are adapted for sowing ground bone, ashes, fertilizers and all farm seeds that can be sown broadcast. The price of the seeder is saved in sowing the first six or seven acres. Full directions with each machine. **Price \$2.25.**

THE EUREKA SLIDE CORN PLANTER (201)

Acknowledged by all who have used them to be the most satisfactory implements of their kind on the market. The seed is sure to drop always in sight of the operator, thus insuring uniform planting. Neat, light and durably made, and are fitted with adjustable seed gauge and a steel cut-off spring. **\$2.25. each.**

THE LITTLE GIANT HAND BROADCAST GEARED SEED SOWER (202)

Will save one-half the labor and one-third the seed over hand sowing, besides greatly increasing the crop by the more equal distribution of the seeds. **Price \$2.75 each.**

Don't pay \$5 for a seeder when you can get its equal for less money. Man or boy can sow on hilly, stumpy, stony and rough as well as on clean and smooth ground, perfectly even and any quantity (1 quart to 8 bushels) per acre of Clover, Timothy, Millet, Hungarian, Flax, Wheat, Rye, Barley, Oats, Corn, Peas, Orchard Grass, Blue Grass, Red Top, or other seed, Fertilizer, and Ashes, with ease to the operator. Will sow at a round 30 to 50 ft. A man walking at the rate of three miles per hour will sow 90 acres of wheat or 65 acres of clover seed in a day of 10 hours.

QUEEN (203)—Corn Planter and Fertilizer Distributor, Combined.

For planting Corn, Beans, Peas, Beet or Mangel Seed in hills and drills. Price without Fertilizer Distributor, **\$20.00.**

This planter is easily adjusted to drop seed and fertilizer in hills or drills as follows:—It will drop 6, 12, 24, or 36 inches, or drop 7, 15, 30 or 45 inches, and will distribute from 50 lbs. to 450 lbs. of fertilizer per acre. **Price \$30.00.**

NEW MODEL SEED DRILL (204)

The New Model will save time and money. It is the best, the surest and easiest operated drill in use.

Is perfect in all its parts. The Index or Indicator is convenient and reliable. The names of the principal seeds to be sown are plainly shown in the index. The Cut-off to stop the flow of seed can be instantly operated from the handles. The Marker is easily adjusted and is held firmly. The Wheel is unusually wide, preventing it sinking in soft earth. The Covering Roller is attached by a swinging frame, enabling the operator to roll lightly or otherwise. The Opening Plough is of steel and adjustable in depth. The complete machine weighs only 35 lbs.

Price, packed for shipment, **\$17.75.**

"IRON AGE" No. 301. COMBINED DOUBLE AND SINGLE WHEEL HOE—Can be changed into a Single Wheel Hoe in a few minutes. It is strong, with high wheel and light. **\$16.50.**

"IRON AGE" No. 303. SINGLE AND DOUBLE WHEEL HOE—With side hoes only. **\$10.75.**

"IRON AGE," No. 306. COMBINED DOUBLE AND SINGLE WHEEL HOE, HILL AND DRILL SEEDER—Is first among our list of garden implements. Combined in this tool there are three distinct and thoroughly practical tools, a Hill and Drill Seeder, a Double Wheel Hoe and a Single Wheel Hoe. Will sow small seed, from lettuce to the size of corn. **\$26.00.**

SPRAYING APPLIANCES

A Sramotor has become a recognized necessity, and has so many uses that we will only name some of the principal ones affecting the farmer and fruit grower. The spraying of fruit trees and crops for the prevention of fungi and insect pests will result in an improvement of over 80 per cent. Spraying potatoes with Paris Green dissolved in water and killing the Potato Bug, costs less, can be done in a great deal less time and much more effectively than by dusting with Paris Green and Plaster, or any other way that has yet been tried. Whitewashes barns, outbuildings, fences, etc. When all these operations and many others can be performed, and any of which will repay the entire cost of the apparatus, certainly no person having such work to do can afford to be without a Sramotor.

The Sramotor has been proven in actual contest under the Canadian Government, to be the most useful combination for the purposes above stated.

An 80-page Treatise and Catalogue supplied with each order or sent free by mail on application. We strongly recommend this most excellent machine as the best all-round sprayer of which we have any knowledge. We keep a full line in stock which we shall be pleased to show intending purchasers.

THE "SPRAMOTORS" FOR BARRELS, CASKS AND TANKS

- No. 5 { No. 0 Sramotor only, \$7.00; extra for all brass, \$2.00.
No. 1 Sramotor only, \$14.00; extra for all brass, \$3.00.
No. 2 Sramotor only, \$18.00; extra for all brass, \$3.00.

No. 6. Outfit No. 0.

One Sramotor Jr., No. 0, with 10 ft. of hose, hand valve, and 8 ft. iron extension pipe, patent drip guard and one Sramotor nozzle, complete, ready to attach to half barrel, \$13.00.
Extra for heavy galvanized 5-gallon can, as figure No. 6, etc., \$2.85.

No. 15 THE SPRAMOTOR KNAPSACK

Can be used for all classes of spraying with one operator. Made with all brass Sramotor galvanized tank. The tank is of the best, with apron to prevent splashing, leather straps, right and left hand action without detaching anything (simply turning it over from one side to the other when one arm is tired).

Automatic plunger, automatic mechanical agitator, strainer, detachable bronze ball valves, 3 ft. of hose, hand valve brass extension pipe with drip guard and nozzle, \$22.00.

No. 8 MYER'S LITTLE GIANT BRASS BUCKET SPRAY PUMP

With agitator, hose, imperial combination nozzle, throwing a fine or coarse spray or solid stream, and malleable foot rest. Price \$6.00, with extension rod, \$6.75. Is a most practical and useful spray pump for small places. Can be used for washing windows, buggies, etc.

No. 9 AUTO-SPRAY

No other style of sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs and vines, Greenhouses, Poultry Houses, Hospitals, and Stables, for disinfectants for sheep and cattle dip and cattle fly oils.

The "Auto-Spray" works automatically for six to fifteen minutes, according to the nozzle opening. It may be charged in fifteen seconds by a few strokes of the plunger, and two pumpings will usually discharge the entire contents. Simply fill two-thirds of solution and pump up air pressure. The tank is made of galvanized steel. Both ends of the tank are convex, and fastened to the tank cylinder by the inward lock seam. The pump is locked to the tank by a cam, and can be removed or replaced by a simple twist of the wrist, and the joint is made by a direct pressure upon a rubber gasket, which does not wear out, as is the case with screw connections. All parts of the pump which have contact with solutions are made of brass, and the pump cylinder is seamless.

The "AUTO-POP" No. 1 is a patented device for controlling the spray, and is the only self-cleaning attachment made.

The "Auto-Pop" No. 1 saves time, solution, and the labor of re-filling the tank. It practically doubles the capacity of the Auto-Spray and is recommended.

"AUTO-SPRAY"—No. 1B. Brass Tank with Stop-Cock \$12.50
"AUTO-SPRAY"—No. 1D. Galvanized Tank with Auto-Pop No. 1 \$8.75

AUTO-SPRAY No. 5-M

This pump is the ideal all-purpose hand sprayer. Its field is practically unlimited, as it may be used for spraying trees, vines, garden truck, potatoes and any field crops. It also can be used for disinfectants. It is made entirely of brass, doing away with all danger of corrosion. All of the parts are made on screw machine and for that reason are interchangeable.

The pump is double-acting. Which makes the spray continuous. Anyone who has used a single acting pump will immediately recognize the advantage in a pump that works on both the up and down stroke.

The nozzles regularly furnished with this pump are of special design so that this sprayer can be used on trees the height of an apple tree, as well as for bushes near at hand. We furnish an extra solid stream cap for washing windows and carriages.

We know of no small hand sprayer that will throw as fine a spray as the AUTO-SPRAY No. 5. This pump can be used with any receptacle the user may possess for spraying trees, where the outfit does not necessarily have to be portable. Where there is any field work to be done and the sprayer has to be moved constantly about, we advise purchasing with this pump a knapsack tank.

We furnish with this pump 2½ feet of ½-inch suction hose with heavy strainer on an extension that will not work out of a bucket or tank when the pump is being used.

The extension is extra, and is very useful for spraying field crops. The extension is so curved that the operator can direct the spray up or down while using the pump in a horizontal position.

Auto-Spray No. 5-M, pump, hose, nozzle and strainer, with galvanized iron reservoir, \$11.00.

No. 12 NOZZLE (Fig. 56)—The latest and best Lime Sulphur Nozzle yet invented. Price 60c.

No. 10 NOZZLE (Fig. 57)—Warranted to apply water, paints and whitewash. It can be disgorge by forward thrust, the cap moving backward into the disgorging pin, the internal pressure immediately forcing the moving cap forward maintaining its proper position. Price 75c.

NOZZLE (Fig. 58)—Is a two-cluster nozzle same as Fig. 57. Price \$1.60.

NOZZLE (Fig. 59)—Is a three-cluster nozzle same as Fig. 57. Price \$2.00.

No. 11 NOZZLE (Fig. 39)—This Nozzle has advantages not possessed by any other style. The spray can be graduated from smallest fan shape spray up to a solid stream. It can be disgorge in an instant by reversing the handle. Is not easily clogged. Price \$1.00.

No. 16 NOZZLE—Cluster Connection Fig. 47, 3 way. Price 60c.

No. 16 NOZZLE—Cluster Connection Fig. 47, 2 way. Price 50c.

No. 13 STOP COCK (Fig. 83)—Made in the best way and fully guaranteed. Price \$1.00.

No. 7 HAND VALVE (Fig. 52)—The Sramotor Company have perfected this new and novel self-closing valve that is illustrated herein. This valve can be instantly closed or opened by a simple pressure of the hand, carefully made of brass, and it has one great advantage over stop-cocks, it will not leak through the nozzle or through the packing. It can be opened or closed with one hand. For whitewashing it is invaluable. Price \$1.00.

No. 4 HOSE COUPLINGS (Fig. 55)—Used on all Sramotor Pumps. Price 25c.

No. 2 SPRAMOTOR LANCE (Fig. 25)—By the use of this lance spraying or whitewashing can be done without soiling the hands, as the nozzle, by its aid, is placed a foot or more away from the operators' hands. Price \$1.50.

No. 14 BAMBOO EXTENSION PIPE—8 ft. Price \$2.75. 10 ft., \$3.00. 12 ft., \$3.25.
IRON EXTENSION PIPE—8 ft., \$1.00.

No. 17 DRIP GUARD (Fig. 60)—This useful device is a complete protection to the operator against any drip running down the extension rod. It is placed just below the nozzle, whereby all the drip is run off. Price 50c.

No. 1 IRON ROW SPRAYER (Fig. 24)—Made to spray 4 rows of potatoes at one time. Price \$6.40.

No. 3 THE FAULTLESS SPRAYER throws a spray as fine as mist. Is a simple, light and an indispensable exterminator of insect pests. Price 75c.



No. 1—POULTRY KILLING KNIFE.....	\$.65
No. 2—No. 7 MANN'S BONE CUTTER.....	26.00
No. 3—No. 5B MANN'S BONE CUTTER.....	18.00
No. 3—No. 7½ MANN'S BONE CUTTER.....	35.00
No. 4—HAND GRAIN GRINDER.....	7.00
No. 5a—CHICK FOUNTAINS, 1 qt.....	.45
CHICK FOUNTAINS, 2 qt.....	.55
CHICK FOUNTAINS, 3 qt.....	.65
No. 5—LEG BANDS, ECLIPSE DOUBLE NUMBER (colored). Doz., 40 cts.; per 100.....	3.00
No. 7—LEG BANDS SINGLE SPIRAL CELLULOID —Colored Black, Red, Yellow, Green, Blue, Pink. Doz. 20 cts.; per 100.....	1.25
No. 35—LEG BANDS "CHALLENGER" ALUMINUM Doz. 15 cts.; per 100.....	.85
No. 6—EGG TESTER "X-RAY".....	.50
No. 8—WALL FOUNTAIN, 2 gals.....	1.00
No. 9—WALL FOUNTAIN, 1 gal.....	.90
No. 10—DRY FOOD HOPPER.....	1.00
No. 11—CHICK PUNCH.....	.30
No. 12—GRIT AND SHELL BOX.....	1.00
No. 13—CAPON TOOLS.....	3.50
No. 14—IDEAL EGG BOX, 1-doz. Egg Size. Doz. 25c.; per 100.....	1.50

FOUNTAIN—The "Can't Freeze Poultry Fountain" has given such universal satisfaction that no Poultry House is complete without one. Holds two gallons of water. Price 3.50

NEST BOX, The "Vigilant"—Immediately the egg is dropped, it rolls into the lower section, is kept clean, and the hen cannot get at it. Each..... .60

NEST EGGS—Per doz. 40c..... each .05

THERMOMETERS—Incubator..... each 1.00

THERMOMETERS—Brooder..... each .75

BEEF SCRAPS—Lb. 9c.; 100 lbs. \$8.00.

BONE—Granulated. Lb. 6c.; 100 lbs. \$5.00.

CHICK FOOD—Price on application.

CLOVER MEAL—Lb. 4c.; per 100 lbs. \$3.00.

CHARCOAL—Granulated. Lb. 5c.; 100 lbs. \$3.50.

GRIT (Mica Spar Cubical)—Lb. 2c.; 100 lb. bag \$1.25.

OYSTER SHELLS—Crushed. Poultry size. Lb. 2½c.; 100 lb. bag \$1.50.

OYSTER SHELLS—Crushed. Pigeon size. Lb. 2½c.; 100 lb. bag \$1.50.

CONKEY'S ROUP CURE—It kills the disease germs, tones the bird, and restores your profits. It is given in the drinking water without trouble, and is used in every civilized country of the world AS THE STANDARD. Price 30c. 60c. and \$1.20.

CONKEY'S HEAD LICE OINTMENT—Pkt..... 30c.

" SCALY LEG OINTMENT—Pkt..... 30c. and 60c.

" CHOLERA REMEDY..... .60

" RHEUMATIC REMEDY—Pkt..... .60

" DIARRHOEA REMEDY—Pkt..... .60

PRATT'S			
POULTRY REGULATOR.....	1½ lb. pkg.	.30	
" ".....	4 lb. pkg.	.60	
" ".....	9 lb. pkg.	1.20	
" ".....	12 lb. Pail	1.75	
" ".....	25 lb. Pail	3.00	
LICE KILLER.....		30c. and	.60
ROUP REMEDY.....			.30
CHICKEN CHOLERA REMEDY.....			.30
POULTRY DISINFECTANT, 1 qt.....			.60
" " 2 qt.....			1.20
" " 1 gal.....			1.75
GAPE REMEDY.....			.30
WHITE DIARRHOEA REMEDY.....			.30
SCALY LEG OINTMENT.....			.30
HEAD LICE OINTMENT.....			.30
ANIMAL REGULATOR.....	1½ lb. pkg.	.30	
" ".....	3 lb. pkg.	.60	
" ".....	12 lb. pail	2.50	
WORM POWDER.....			.60
HEAVE, COUGH AND COLD CURE.....			.60
HEALING OINTMENT.....			.30
HOG WORM POWDER.....			.60

ROYAL PURPLE			
POULTRY SPECIFIC.....	1 lb.	.30	
" ".....	2 lb.	.60	
" ".....	10 lb.	1.75	
" ".....	40 lb.	6.00	
LICE KILLER.....		30c. and	.60
ROUP CURE.....			.30
STOCK SPECIFIC.....	2 lb.	.60	
" ".....	10 lb.	1.75	
" ".....	40 lb.	6.00	
COUGH CURE.....			.60
WORM POWDER.....			.30

ZENOLEUM DIP and DISINFECTANT

Destroys parasites and germs of all kinds.
Keeps flies off cattle and horses. Kills sheep ticks.

Tin making 4 gallons disinfectant.....	\$.30
Tin making 20 gallons disinfectant.....	.60
Tin making 40 gallons disinfectant.....	1.00
Tin making 80 gallons disinfectant.....	1.75
ZENOLEUM LICE POWDER.....	.30

SPRATT'S FOODS

SPRATT'S PATENT DOG CAKE.....	Lb. .18
SPRATT'S PATENT PUPPY BISCUITS.....	Lb. .20

EVERYTHING FOR FARM AND GARDEN

THE NORWICH AUTOMATIC AIR-LOCK FOUNTAIN

The most perfect device ever placed on the market for automatically supplying pure, fresh water in the poultry house. It is a physical and absolute impossibility to contaminate or pollute the water supply, and requires cleaning only about once in three months. Guaranteed frost-proof to ten degrees below zero, and has been operated at temperatures of fifteen and twenty below without being affected. Fitted with detachable cup, removable oil chamber, heat generator, etc.

Made in one size only, 5 gal. capacity. Shipping weight 15 lbs.

PRICE

Complete with burner base..... \$7.00

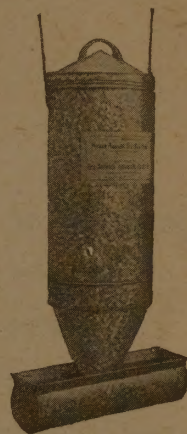


NORWICH AUTOMATIC DRY MASH HOPPER

This fills completely the long-felt want among poultrymen for a reliable, dependable, waste-proof Mash Feeder. The hopper body is 9 inches in diameter by 27 inches in length, and has a capacity of 20 qts. Contrary to all principles, the bottom of the hopper is a depending angle cone ending in a 3-inch spout or collar—just the construction to induce clogging!

The feed basin is an open, round-bottomed trough swung in position under the spout by two vibrator rods which pass through the spout and hopper body and are attached to an adjustable cross bar near the top. The feed basin thus suspended has therefore universal movement, and the very act of the birds feeding at the basin causes the rods to vibrate and the vibration absolutely and completely precludes clogging.

Made in one size only, 20 qts. capacity. Without rain guard (as in cut), shipping weight 6 lbs. \$3.75



APACO POULTRY FEEDER

which in general design is built on the same lines as our well-known and justly famous Norwich Automatic Exerciser and Feeder, but is a hanging machine rather than arranged with adjustable standard.

The machine is complete with the all-important adjusting valve for regulating the discharge from the hopper, which is thoroughly covered by our Letters Patent, and which, for this reason, is always absent in any Feeder on the market except those manufactured by our own Company, and may be relied upon as a thoroughly dependable and practicable machine for the purpose for which it is intended.

Constructed of 28 gauge Galvanized, Tight Coated Sheet, malleable and gray iron castings for the Valves, Agitators, Collars, etc., and the workmanship of the highest possible character, we unhesitatingly guarantee our APACO FEEDER as the best machine ever placed on the market at its price and offer it under the same guarantee that covers all our goods.

The principles of automatic feeding are too well known to require detailed description of the benefits derived,—sufficient it is to say it has been proven beyond question of doubt that the saving of grain effected by the system varies from 25 to 30%, while egg production is increased to a very considerable extent, in many cases as high as 18%, while again the constant worry, care and actual labor of feeding is reduced.

Made in one size only, 19 qts. capacity. Shipping weight, 5 lbs. Price \$2.25.



(PATENTED)

NORWICH AUTOMATIC EXERCISER AND FEEDER

The feeder is operated by the birds rotating the bait bar, and the grain, escaping from the hopper, rattles down on the deflector and is scattered on the floor or in the litter in a wide, even circle. The birds are kept constantly at work and in motion while feeding. Flow of grain stops instantly when bait bar stops revolving. Flow may be regulated by set valve; also height of bait bar from the ground may be adjusted by means of adjustable iron legs. Thousands upon thousands in use in every part of the civilized world. Operates with any grain or mixture; never out of order and will last a lifetime. Saves grain, saves labor, saves time. Increases egg production. Waste, rain, rat and bird-proof. Improves the flock.

		Actual Ship. Wght.	
No. 1.	8-qt. hopper.....		\$4.50
No. 2.	14-qt. hopper.....	15 lbs.	6.00
No. 3.	20-qt. hopper.....	20 lbs.	7.50



ROYAL PURPLE CALF MEAL

THE NEW MILK SUBSTITUTE

You Can Raise Just as Good Calves on Our Calf Meal as on New Milk and at Just One Quarter the Cost.

"ROYAL PURPLE CALF MEAL is constituted of grains scientifically prepared to make it a substitute for new milk. Only the very best matured grains are used. The flax, which figures largely in the manufacture of this meal is all grown in the West. A condiment is always used in this MEAL to prevent and cure diarrhoea.

25 lb. Bag, \$1.60

50 lb. Bag, \$3.10

100 lb. Bag, \$6.00

Those who try to raise their calves, without using milk, on grains that are not scientifically prepared, lose a large percentage of the young animals through diarrhoea and other troubles. Many have given it up in disgust and disposed of their calves without making any attempt to raise them. Three years ago, was put on the market at a reasonable cost to farmers, "ROYAL PURPLE" CALF MEAL which is scientifically prepared. The Department of Agriculture, through a special test at the Experimental Farm at Ottawa, has shown that it can be fed at a cost of just one-quarter of the market price of new milk. This hardly seems possible but the total cost to raise three calves from the time they were three weeks old until they were five months old was \$28.75 including the cost of skimmed milk and some green food. These calves were kept inside during all this time. The total cost to feed three calves at the same time on new milk and green foods was \$117.38. These are facts that we are giving to prove to the entire satisfaction of every farmer, that there is nothing he can feed his calves that will be as cheap as Calf Meal. We know that some extra-hardy calves can be raised on "home-made" foods, together with skim milk, but there is no comparison between the large, thrifty, vigorous calves raised on this meal and those raised on inferior foods.

PLANTING TABLE

Quantity of seeds or number of plants required for 100 feet of row, with distance to plant, times for planting, and period required for the production of the crops. In column 3, where seed is sown, plants are thinned to given distance for better quality.

Kind of Vegetable.	Seeds or Plants required for 100-ft. row.	Plants thinned or set in rows.	Depth of planting of seed.	Time of planting in open ground.	Ready for use after seed sown.
Asparagus plants.....	60-80 plants..	18 inches.....	4-6 in.....	Early Spring.....	2-3 yrs.
Beans, bush.....	1 pint.....	4-6 inches.....	1½-2 in.....	May-June.....	50-65 dys.
Beets.....	2 ounces.....	2-3 inches.....	½-1 in.....	May-June.....	60-80 dys.
Cabbage, early.....	¼ ounce.....	18 inches.....	½ in.....	May; seed started in hotbed Mar. 15...	90-130 dys.
Cabbage, late.....	¼ ounce.....	2 feet.....	½ in.....	June 15-July 1; seed started May 15...	120-150 dys.
Carrot.....	1 ounce.....	1-2 inches.....	½ in.....	May, June.....	75-110 dys.
Cauliflower.....	¼ ounce.....	1½-2 feet.....	½ in.....	Same as Cabbage.....	100-130 dys.
Celery.....	¼ ounce.....	3-6 inches.....	⅛ in.....	May and June; seed started in hotbed March and April.....	120-150 dys.
Corn, sweet.....	½ pint.....	3 feet in hills, 15 in. in rows...	1-2 in.....	May-June.....	75-100 dys.
Cucumbers.....	½ ounce.....	3 feet.....	1 in.....	May 25-June.....	60-80 dys.
Egg Plant.....	⅓ ounce.....	1½ feet.....	½ in.....	May 25-June; hotbed Mar. 15-Apr. 1..	100-140 dys.
Lettuce.....	½ ounce.....	Leaf, 4-6 in..... Head, 8-10 in.....	½ in..... ½ in.....	May..... June-August 15.....	60-90 dys. 60-90 dys.
Melon, Musk.....	½ ounce.....	Hills, 4-6 feet.....	1 in.....	June; May 15 in frames.....	120-150 dys.
Melon, Water.....	1 ounce.....	Hills, 6 feet.....	1 in.....	June.....	100-120 dys.
Onion, seeds.....	1 ounce.....	2 inches.....	½ in.....	May.....	130-150 dys.
Onion, sets.....	1 quart sets.....	1 inch.....	1 in.....	May.....	90-100 dys.
Onions, transplanted..	1 quart sets.....	3 inches.....	½ in.....	Hotbed in March.....	130-150 dys.
Egyptian Perennial...	1 quart sets.....	1 inch.....	3 in.....	September.....	
Parsley.....	¼ ounce.....	2 inches.....	⅛ in.....	May.....	90-120 dys.
Parsnip.....	½ ounce.....	3-4 inches.....	½ in.....	May.....	125-160 dys.
Peas.....	½ pint.....	2 inches.....	2 in.....	May, June.....	60-80 dys.
Pepper.....	⅛ ounce.....	18 inches.....	½ in.....	June; start in hotbed March 15.....	100-140 dys.
Potato, Irish.....	5 pounds.....	12-15 inches.....	2-4 in.....	May.....	80-140 dys.
Pumpkin.....	1 ounce.....	Hills, 6 feet.....	1-1½ in.....	June.....	100-140 dys.
Radish.....	1 ounce.....	1 inch.....	½ in.....	May, June, August.....	20-40 dys.
Rhubarb, plants.....	33 plants.....	3 feet.....		Early Spring.....	1-3 yrs.
Salsify.....	1 ounce.....	2 inches.....	½ in.....	May.....	120-180 dys.
Spinach.....	1 ounce.....	4-6 inches.....	½ in.....	May and August.....	40-60 dys.
Squash, Summer.....	1 ounce.....	Hills 3-4 feet.....	1-1½ in.....	May and June.....	60-80 dys.
Squash, Winter.....	1 ounce.....	Hills 6 feet.....	1-1½ in.....	May and June.....	120-160 dys.
Swiss Chard.....	1-2 ounces.....	8-10 inches.....	½-1 in.....	May.....	60-80 dys.
Tomato.....	⅛ ounce.....	2½-3 ft.; single stem method, 18 inches.....	¼ in.....	May and June; hotbed March 15-April 1.	140 dys.
Turnip.....	½ ounce.....	2-4 inches.....	¼-½ in.....	May, June, July.....	60-80 dys.

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*The Letters preceding the page number indicate: "S" for Seed,
"P" for Plants, "B" for Bulbs, and "R" for Roots.*

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